TELEFUNKEN

COLOR TELEVISION RECEIVER

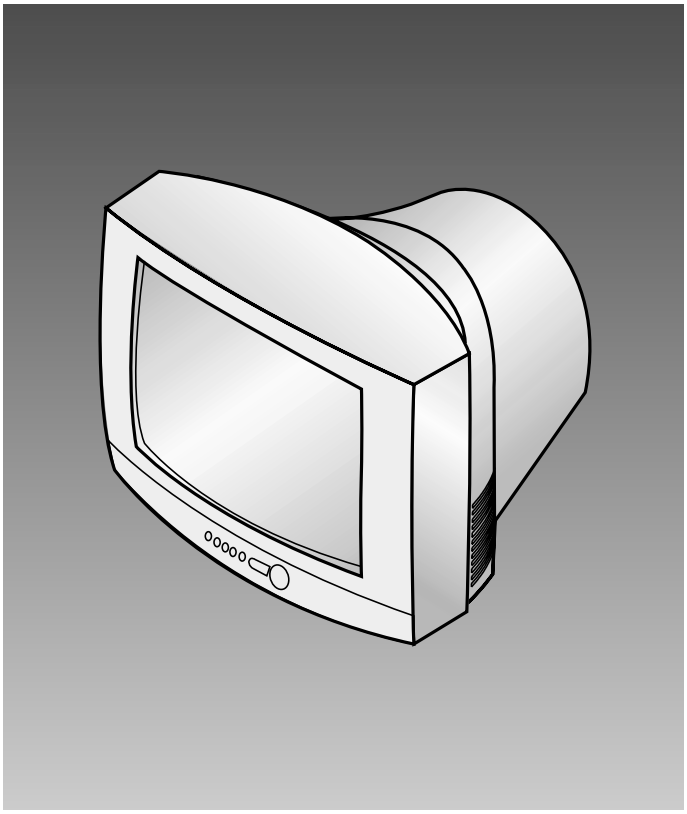
Chassis : **K15BD**
Model : **TK1409**
TK2009
TK2009ST
TK2098

CUBRE TAMBIEN MODELOS GE1400, GE2000 y GE200ST CON NUEVO CHASIS

SERVICE Manual

Información reservada a Agentes Autorizados BGH - Por favor conserve este Manual

COLOR TELEVISION RECEIVER



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1. Precautions

Follow these safety, servicing and ESD precautions to prevent damage and protect against potential hazards such as electrical shock and X-rays.

1-1 Safety Precautions

1. Be sure that all of the built-in protective devices are replaced. Restore any missing protective shields.

2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including: nonmetallic control knobs and compartment covers.

3. Make sure that there are no cabinet openings through which people—particularly children—might insert fingers and contact dangerous voltages. Such openings include the spacing between the picture tube and the cabinet mask, excessively wide cabinet ventilation slots, and improperly fitted back covers.

   If the measured resistance is less than 1.0 megohm or greater than 5.2 megohms, an abnormality exists that must be corrected before the unit is returned to the customer.

4. Leakage Current Hot Check (Figure 1-1):
   Warning: Do not use an isolation transformer during this test. Use a leakage-current tester or a metering system that complies with American National Standards Institute (ANIS C101.1, Leakage Current for Appliances), and Underwriters Laboratories (UL Publication UL1410, 59.7).

5. With the unit completely reassembled, plug the AC line cord directly into the power outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: antennas, handle brackets, metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

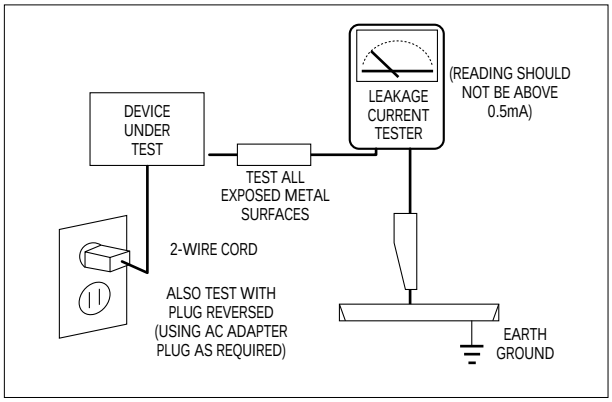

DEVICE UNDER TEST
LEAKAGE CURRENT TESTER
(READING SHOULD NOT BE ABOVE 0.5mA)
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

Fig. 1-1 AC Leakage Test

6. Antenna Cold Check:
   With the unit's AC plug disconnected from the AC source, connect an electrical jumper across the two AC prongs. Connect one lead of the ohmmeter to an AC prong. Connect the other lead to the coaxial connector.

7. X-ray Limits:
   The picture tube is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the picture tube only with one that is the same type as the original. Carefully reinstall the picture tube shields and mounting hardware; these also provide X-ray protection.

8. High Voltage Limits:
   High voltage must be measured each time servicing is done on the B+, horizontal deflection or high voltage circuits. Correct operation of the X-ray protection circuits must be reconfirmed whenever they are serviced. (X-ray protection circuits also may be called "horizontal disable" or "hold-down".)

   Heed the high voltage limits. These include the X–ray Protection Specifications Label, and the Product Safety and X-ray Warning Note on the service data schematic.

1-1 Safety Precautions (Continued)

9. High voltage is maintained within specified limits by close-tolerance, safety-related components and adjustments. If the high voltage exceeds the specified limits, check each of the special components.

10. Design Alteration Warning:
Never alter or add to the mechanical or electrical design of this unit. Example: Do not add auxiliary audio or video connectors. Such alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.

11. Hot Chassis Warning:
Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord. If an isolation transformer is not used, these units may be safely serviced only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC source.

    To confirm that the AC power plug is inserted correctly, do the following: Using an AC voltmeter, measure the voltage between the chassis and a known earth ground. If the reading is greater than 1.0V, remove the AC power plug, reverse its polarity and reinsert. Re-measure the voltage between the chassis and ground.

12. Some TV chassis are designed to operate with 85 volts AC between chassis and ground, regardless of the AC plug polarity. These units can be safely serviced only if an isolation transformer inserted between the receiver and the power source.

13. Some TV chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is not isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.

14. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or overheating, and correct any potential hazards.

15. Observe the original lead dress, especially near the following areas: Antenna wiring, sharp edges, and especially the AC and high voltage power supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.

16. Picture Tube Implosion Warning:
The picture tube in this receiver employs "integral implosion" protection. To ensure continued implosion protection, make sure that the replacement picture tube is the same as the original.

17. Do not remove, install or handle the picture tube without first putting on shatterproof goggles equipped with side shields. Never handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; do not try to remove such "permanently attached" yokes from the picture tube.

18. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics which might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original—even if the replacement is rated for higher voltage, wattage, etc.

    Components that are critical for safety are indicated in the circuit diagram by shading, (⚡) or (⚠).
    Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications.
    A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

1-2 Servicing Precautions

Warning1: First read the "Safety Precautions" section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.
Warning2: An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.

2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) Remove or reinstall any component or assembly, (b) Disconnect an electrical plug or connector, (c) Connect a test component in parallel with an electrolytic capacitor.

3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.

4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.

5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).

6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.

7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.

8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Precautions for Electrostatically Sensitive Devices (ESDs)

1. Some semiconductor (“solid state”) devices are easily damaged by static electricity. Such components are called Electrostatically Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.

2. Immediately before handling any semicon ductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power—this is an electric shock precaution.)

3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.

4. Do not use freon-propelled chemicals. These can generate electrical charges that damage ESDs.

5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.

6. Use only an anti-static solder removal device. Many solder removal devices are not rated as “anti-static”; these can accumulate sufficient electrical charge to damage ESDs.

7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.

8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

2. Specifications and IC Data

2-1 Specifications

Television System	14”/20” NTSC, PAL M/N Color TV Signal	
Power Consumption	14” : 57 Watts Nominal,	20” : 70 Watts Nominal
Picture Tube	14” : A34KQV42X	20” : A48KRD82X (H)
Power Requirements	AC 100 ~ 240V, 50/60Hz	
Operating System	Remocon System (SSM - 174PT)	
Tuning Ranges	VHF CH : 2 ~ 13 UHF CH : 14 ~ 69 CABLE CH : 1, 14~125	
Antenna Input Impedance	75 ohm Unbalanced for VHF/UHF	
Intermediate Frequency	Picture 45.75 MHz, Sound 41.25 MHz Color Sub Carrier 42.17 MHz	
Speaker Impedance	Single : 8 ohm 2.5W Dual : 8 ohm 2.5W x 2.5W	

2-2 IC Line Up

Table 2-1 IC Line-up			
Loc. No	Specification	Description	Remark
IC201	TDA8841 SI	NTSC, PAL M/N	Philips
IC301	TDA8356	VERTICAL OUTPUT	
IC501	TDA6107Q	RGB DRIVE AMP	
IC601	LA4425	SOUND-AMP (2.5W x 1CH)	
IC602	LA4425	SOUND-AMP (2.5W x 1CH)	
IC801	KA3S0680RF	POWER IC (STR)	
IC802	KA7630	CUSTOM REGULATOR (5V, 8V)	
IC901	SSM-174PT	μ-com (OSD Language : English, Spanish, Portuguese)	
IC902	24C02/KS24C04O	EEPROM	
PC802	TCET1108 / LTV817B/PC123Y	PHOTO COUPLER	

2-3 Semiconductor Base Diagrams

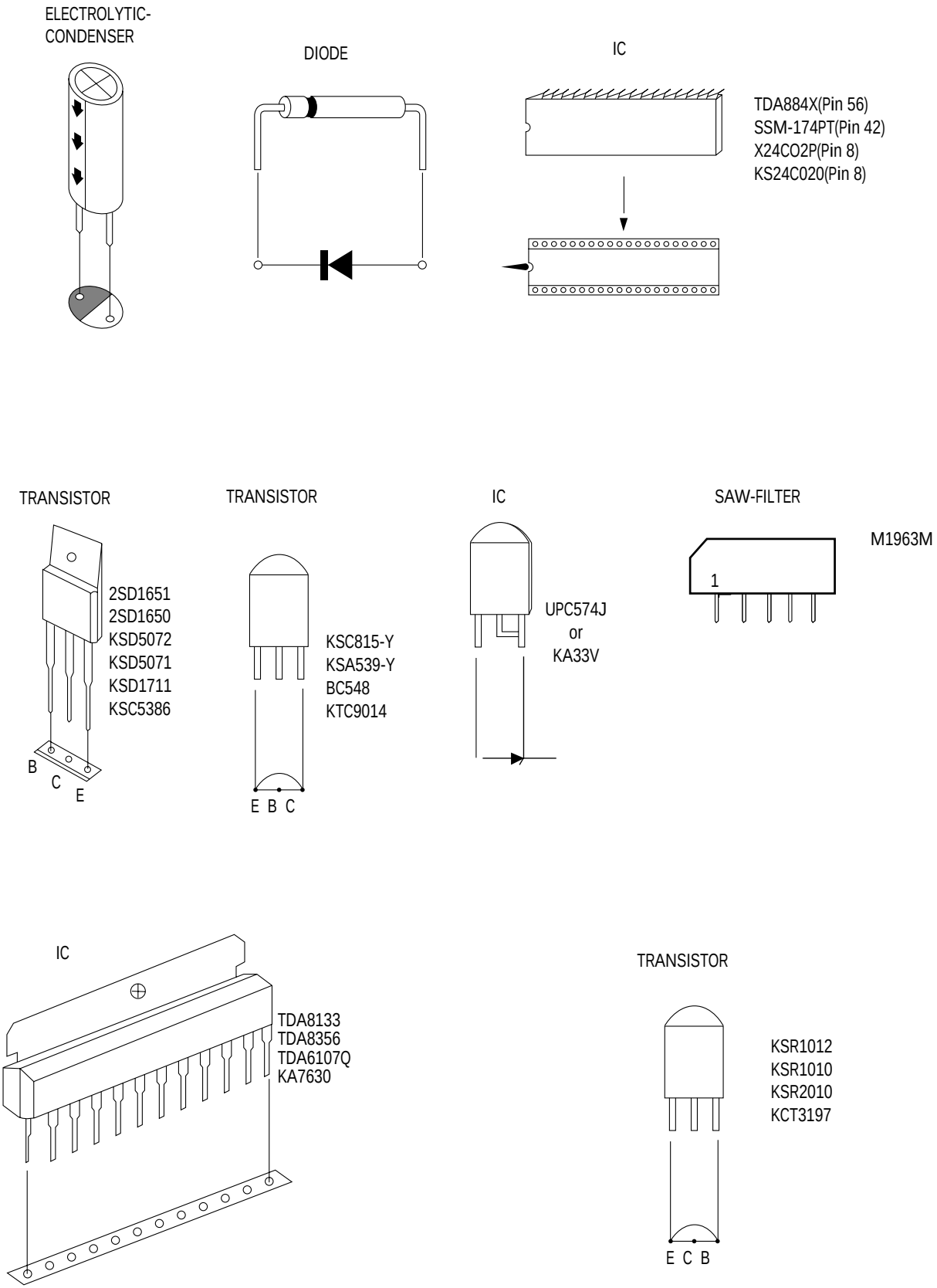
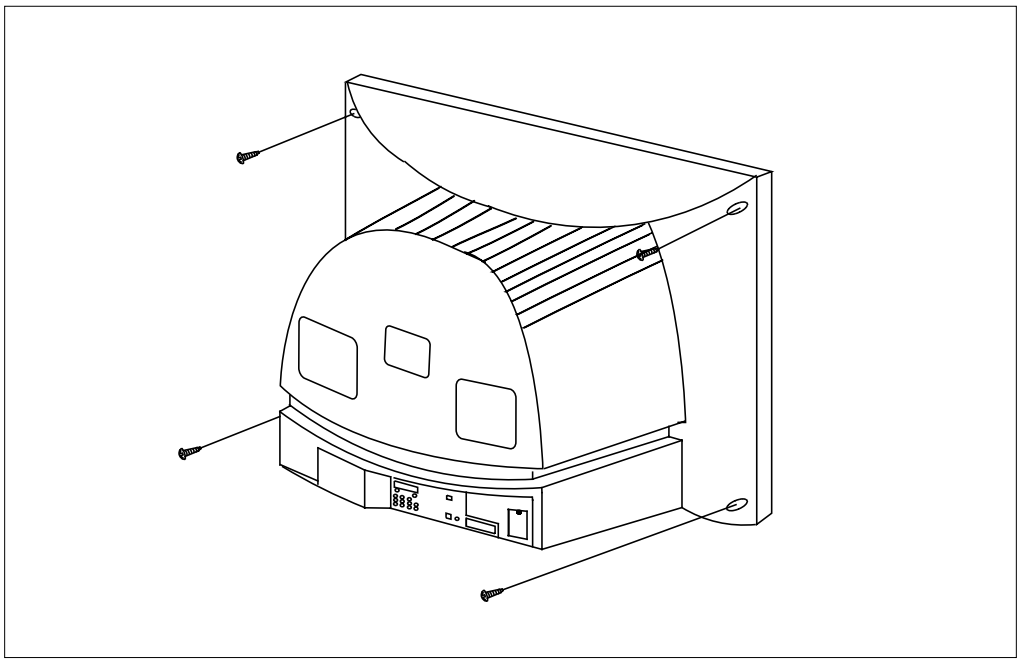


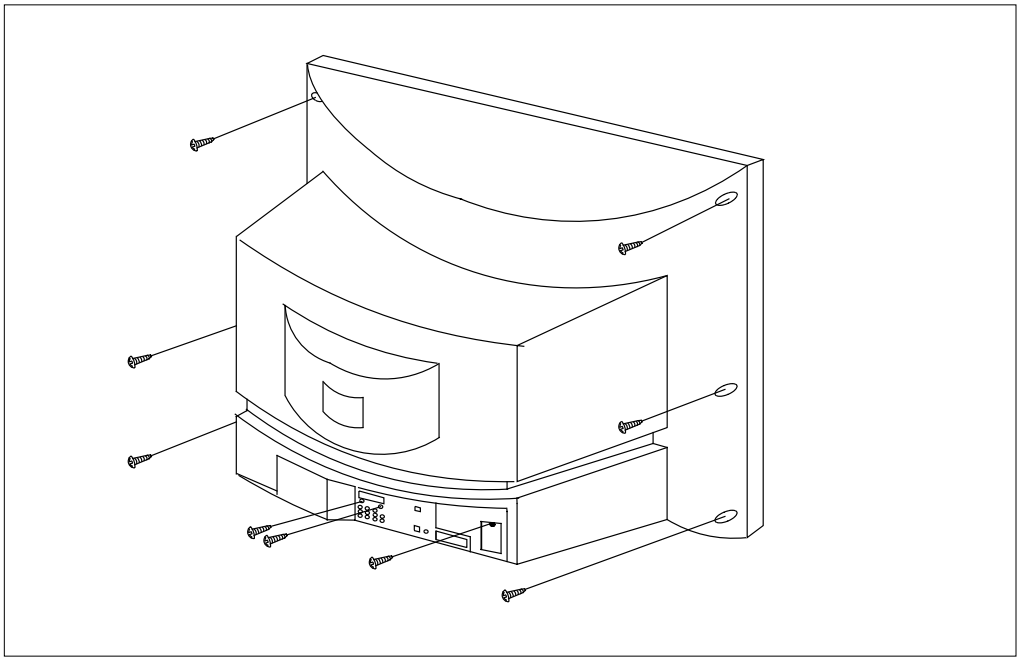
Fig. 2-1 Semiconductor Base Diagrams

3. Disassembly and Reassembly

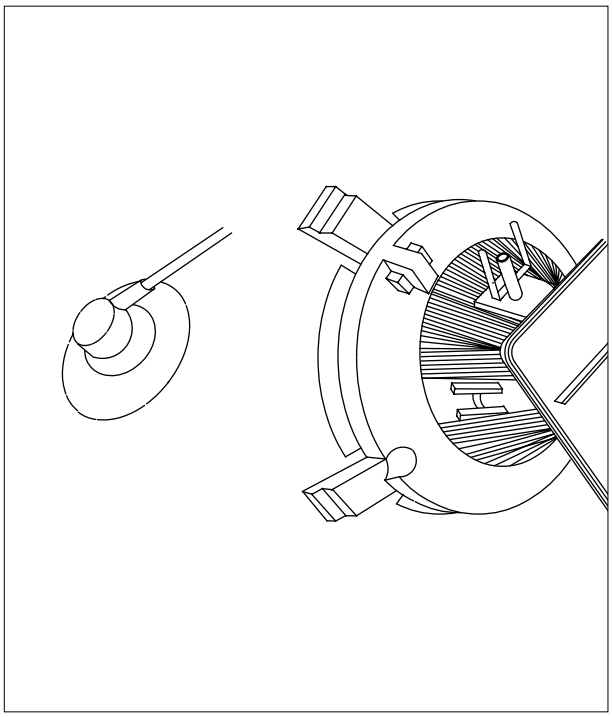
3-1 Back Cover Removal

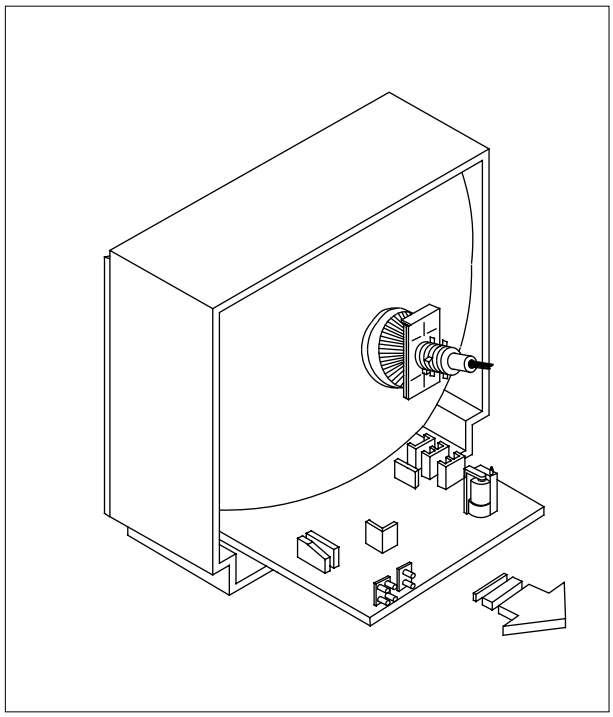


1. After removing the screws, press the tension rib and pull the cabinet backwards.
2. To reassemble, press the tension rib (see diagram).



3-2 Main Board Removal





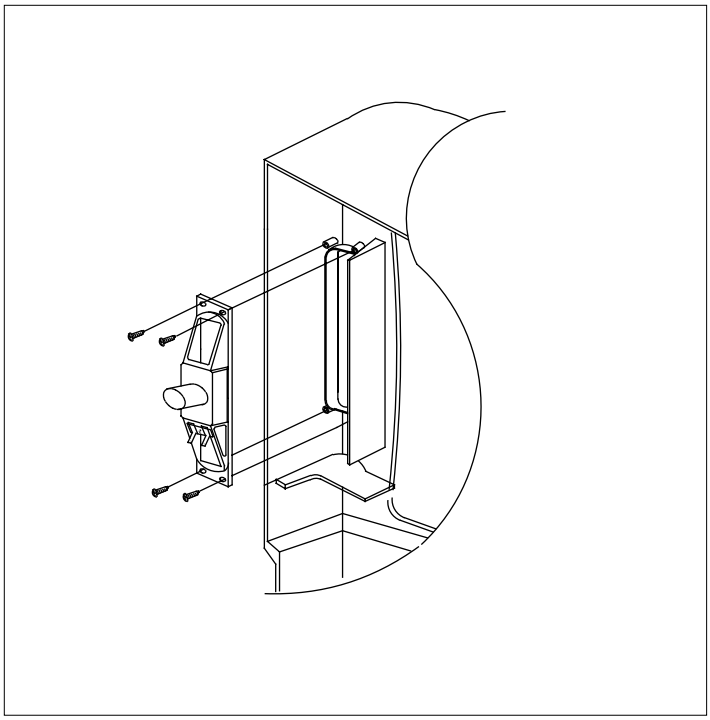
1. Separate the socket board from the CRT neck.

2. Remove the Anode Cap from the CRT.

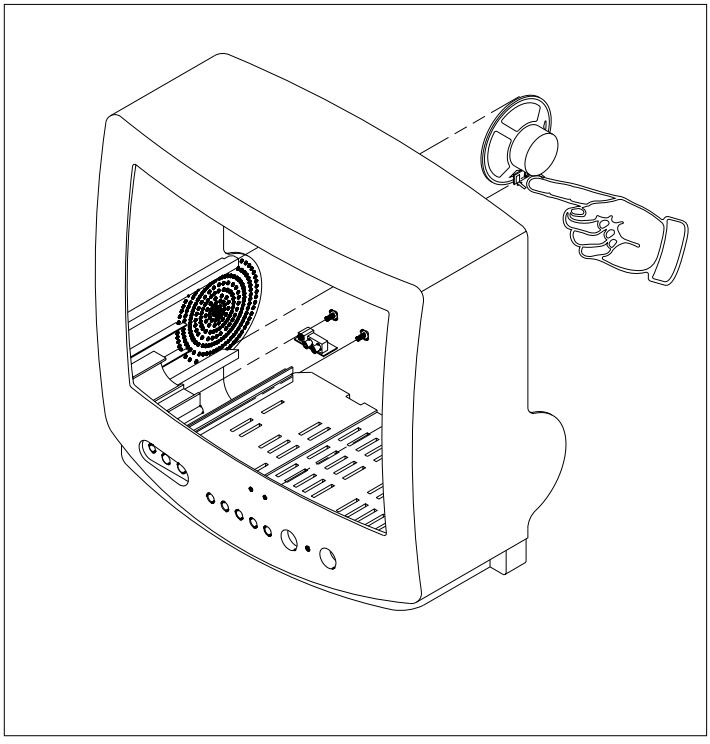
3. Remove the main board by pulling it with both hands.

Warning: The FBT is charged with high voltage.
Before removing the Anode Cap, discharge the voltage
through one of the heat sinks on the main board.

3-3 Speaker Removal

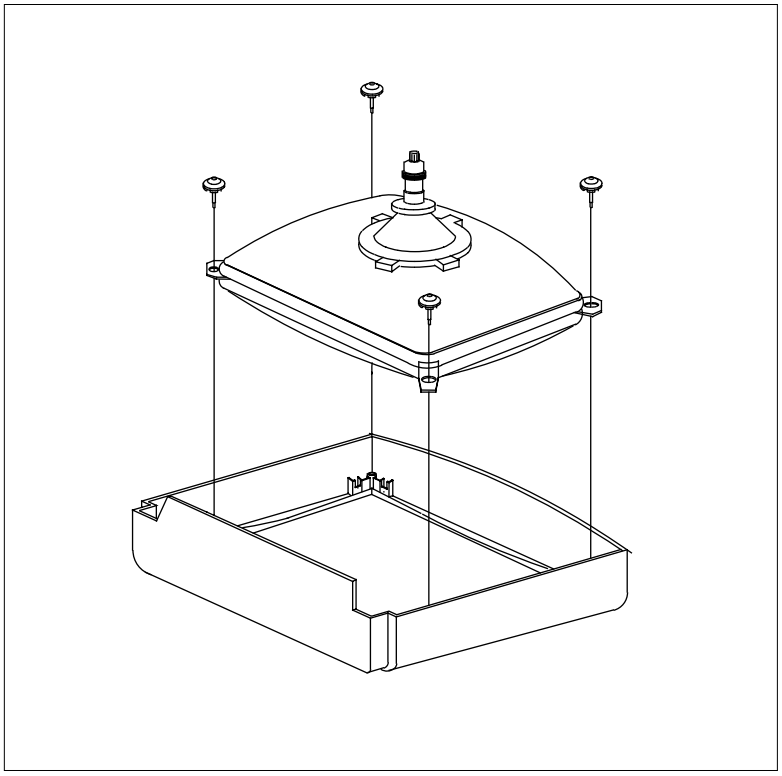


1. Remove the speaker by pressing the tension rib.



1. Remove the screws.
2. Remove the speaker by pressing the tension rib.

3-4 CRT Removal



1. Spread a soft mat on the floor. Place the TV set face down.

2. Remove the 4 nuts mounting the CRT to the front cabinet. Lift the CRT.

3. Caution: Because of the high vacuum and large surface area of the picture tube, be careful while handling it: (1) Always lift the picture tube by grasping it firmly around the faceplate, (2) Never lift the tube by its neck. (3) Do not scratch the picture tube or apply excessive pressure. Fractures of the glass may cause an implosion.

4. Alignment and Adjustments

4-1 Preadjustment

4-1-1 Factory Mode

1. Do not attempt these adjustments in the Video Mode.

2. The Factory Mode adjustments are necessary when either the EEPROM (IC902) or the CRT is replaced.

3. Do not tamper with the “Adjustment” screen of the Factory Mode menu. This screen is intended only for factory use.

4-1-2 When EEPROM (IC902) Is Replaced

1. When IC902 is replaced all adjustment data revert to initial values. It is necessary to re-program this data.

2. After IC902 is replaced, warm up the TV for 10 seconds.

4-1-3 When CRT Is Replaced

1. Make the following adjustments AFTER setting up after setting up purity and convergence :

   White Balance
   Sub-Brightness
   Vertical Center
   Vertical Size
   Horizontal Center

4-2 Factory/Service Mode

4-2-1 Procedure for the “Adjustment” Mode

1. This mode uses the standard remote control. The Service Mode is activated by entering the following remote-control sequence :

   (1) DISPLAY→FACTORY.

   (2) STAND-BY→ MUTE→ 1→ 8→ 2 →POWER ON.

2. The “SERVICE (FACTORY)” message will be displayed. The Service Mode has four components: Adjustment, Option Bytes and Reset.

3. Access the Adjustment Mode by pressing the “VOLUME” keys (Up or Down). The adjustment parameters are listed in the accompanying table, and selected by pressing the CHANNEL keys (s ,t).

4. Selection sequences for the PAL N system:

   DOWN or UP key:

   AGC>VCO>SBT>SCT>RG>GG>BG>SC>
   PCR> PSL>PVS>PVA>PHS>⊿HS>CDL

   Selection sequences for the NTSC, PAL M system:

   DOWN or UP key:
   AGC>VCO>SBT>SCT>RG>GG>BG>SC>STT>
   NCR>NSL>NVS>NVA>NHS>CDL

5. The VOLUME keys increase or decrease the adjustment values (stored in the non-volatile memory) when Adjustment Mode is cancelled.

6. Cancel the Adjustment Mode by re-pressing the “FACTORY” or “Power OFF” keys.

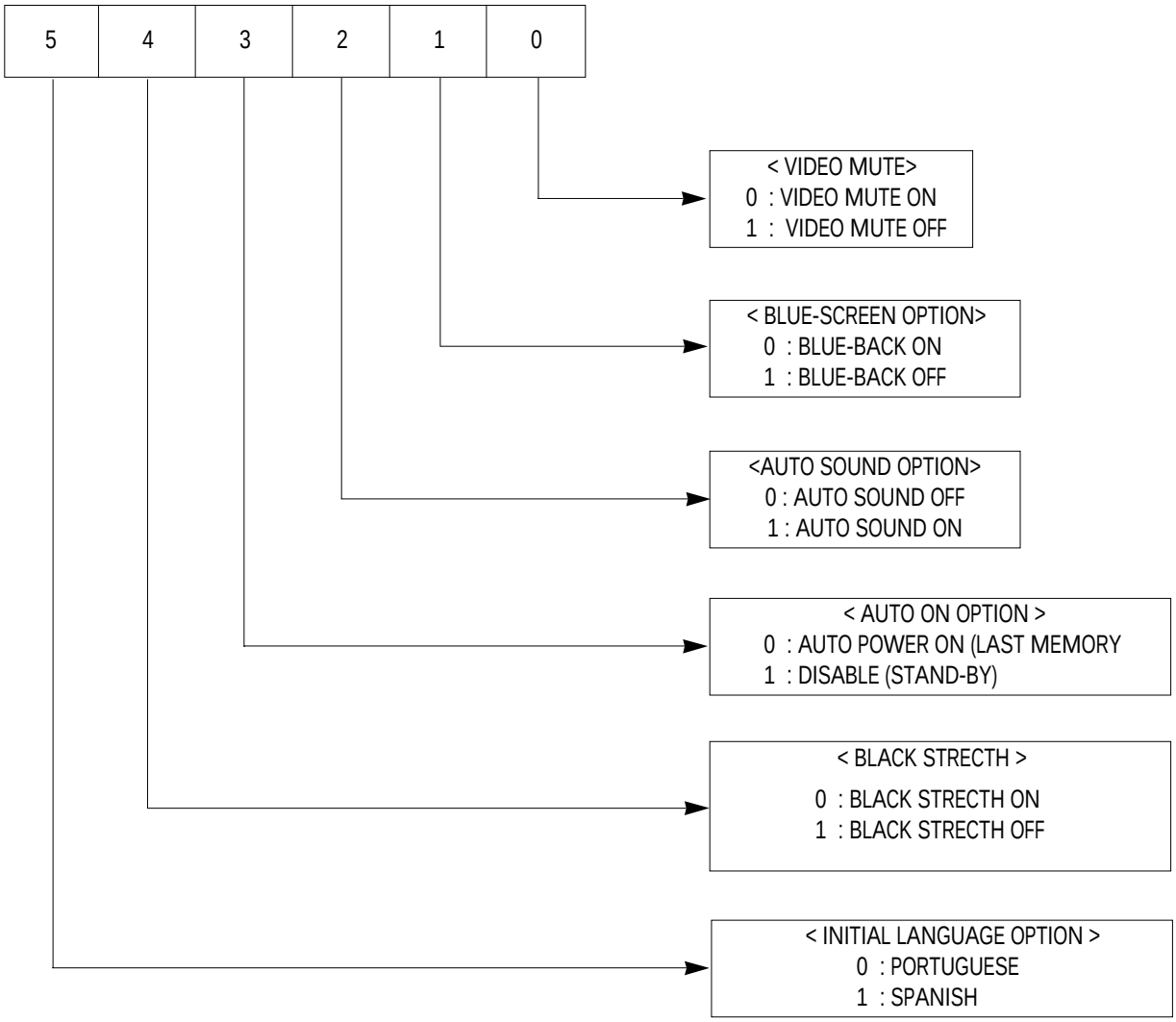
4-2-2 Main Adjustment Parameter

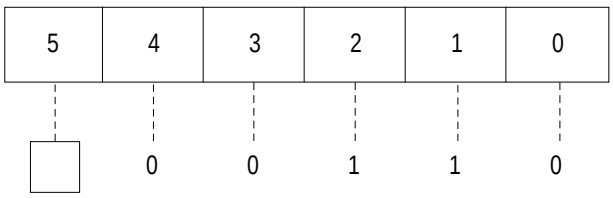
Table 4-1 Main Adjustment Parameter (SSM-174PT, TDA8841)

FUNCTION	OSD ABBREVIATION	RANGE	INITIAL DATA	REMARK
AUTO GAIN CONTROL	AGC	0 ~ 63 STEP	05	FIX
VOLTAGE CONTROL OSCILLATOR	VCO	0 ~ 128 STEP	48	FIX
SUB BRIGHT	SBT	0 ~ 23 STEP	9	
SUB CONTRAST	SCT	0 ~ 23 STEP	8	
RED DRIVE GAIN	RG	0 ~ 63 STEP	25	
GREEN DRIVE GAIN	GG	0 ~ 63 STEP	25	
BLUE DRIVE GAIN	BG	0 ~ 63 STEP	25	
PAL SUB COLOR	PCR	0 ~ 23 STEP	10	FIX
S-CORRECTION	SC	0 ~ 63 STEP	10 (20 INCH) 0 (14 INCH)	FIX
PAL VERTICAL SLOPE	PSL	0 ~ 63 STEP	34	
PAL VERTICAL SHIFT	PVS	0 ~ 63 STEP	32	
PAL VERTICAL AMPLITUDE	PVA	0 ~ 63 STEP	28	
PAL HORIZONTAL SHIFT	PHS	0 ~ 63 STEP	42	
⊿ HORIZONTAL SHIFT	⊿ HS	0 ~ 7 STEP	5	FIX
SUB TINT	STT	1 ~ 23 STEP	14	FIX
NTSC SUB COLOR	NCR	0 ~ 23 STEP	00	FIX
NTSC VERTICAL SLOPE	NSL	0 ~ 63 STEP	34	
NTSC VERTICAL SHIFT	NVS	0 ~ 63 STEP	32	
NTSC VERTICAL AMPLITUDE	NVA	0 ~ 63 STEP	28	
NTSC HORIZONTAL SHIFT	NHS	0 ~ 63 STEP	47	

NOTE : Once a system (of PAL N / NTSCM, PALM System) is adjusted, another system is automatically adjusted. (NHS=PHS + ⊿HS)

4-2-3 Option Table





:Basic Option Byte
(Note : No. 5 is a Local Option)

4-2-2 Main Adjustment Parameter

Table 4-1 Main Adjustment Parameter (Z9036512PSC)

FUNCTION	OSD ABBREVIATION	RANGE	INITIAL DATA	REMARK
AUTO GAIN CONTROL	AGC	0 ~ 63 STEP	05	FIX
SUB BRIGHT	SBT	0 ~ 23 STEP	9	
SUB CONTRAST	SCT	0 ~ 23 STEP	8	
SUB TINT	STT	0 ~ 23 STEP	14	
NTSC SUB COLOR	NCR	0 ~ 23 STEP	00	FIX
PAL SUB COLOR	PCR	0 ~ 23 STEP	10	FIX
RED DRIVE GAIN	RG	0 ~ 63 STEP	25	
GREEN DRIVE GAIN	GG	0 ~ 63 STEP	25	
BLUE DRIVE GAIN	BG	0 ~ 63 STEP	25	
S-CORRECTION	SCO	0 ~ 63 STEP	10 (20 INCH) 0 (14 INCH)	FIX
	CDL	0 ~ 7 STEP	4	
⊿ HORIZONTAL SHIFT	dHS	0 ~ 7 STEP	5	FIX
NTSC VERTICAL SLOPE	NSL	0 ~ 63 STEP	34	
NTSC VERTICAL SHIFT	NVS	0 ~ 63 STEP	32	
NTSC VERTICAL AMPLITUDE	NVA	0 ~ 63 STEP	28	
NTSC HORIZONTAL SHIFT	NHS	0 ~ 63 STEP	47	
PAL VERTICAL SLOPE	PSL	0 ~ 63 STEP	34	
PAL VERTICAL SHIFT	PVS	0 ~ 63 STEP	32	
PAL VERTICAL AMPLITUDE	PV	0 ~ 63 STEP	28	
PAL HORIZONT	PHS	0 ~ 63 STEP	42	

NOTE : Once a system (of PAL N/NTSCM, PALM System) is adjusted, another system is automatically adjusted. (NHS=PHS + ⊿HS)

4-2-3 MTS Table

Table 4-2 MTS Adjustment Parameter (Z9036512PSC)				
FUNCTION	OSD ABBREVIATION	RANGE	INITIAL DATA	REMARK
ATENUATION	ATT	0 ~ 15 STEP	13	
SPECTRAL	SPECTRAL	0 ~ 63 STEP	46	
WIDEBAND	WIDEBAND	0 ~ 63 STEP	32	

4-2-4 Option

Byte 0 : 51
Byte 1 : 00

4-3 Other Adjustments

4-3-1 General

1. Usually, a color TV needs only slight touch-up adjustment upon installation. Check the basic characteristics such as height, horizontal and vertical sync and focus.

2. The picture should have good black and white details. There should be no objectionable color shading; if color shading is present, perform the purity and convergence adjustments described below.

3. Use the specified test equipment or its equivalent.

4. Correct impedance matching is essential.

5. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test results.

6. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.

7. Do not attempt to connect or disconnect any wires while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.

8. To protect against shock hazard, use an isolation transformer.

4-3-2 Automatic Degaussing

A degaussing coil is mounted around the picture tube, so that external degaussing after moving the TV should be unnecessary. But the receiver must be properly degaussed upon installation.

The degaussing coil operates for about 1 second after the power is switched ON. If the set has been moved or turned in a different direction, disconnect its AC power for at least 30 minutes.

If the chassis or parts of the cabinet become magnetized, poor color purity will result. If this happens, use an external degaussing coil. Slowly move the degaussing coil around the faceplate of the picture tube and the sides and front of the receiver. Slowly withdraw the coil to a distance of about 6 feet before removing power.

4-3-3 High Voltage Check

CAUTION: There is no high voltage adjustment on this chassis. The B+ power supply must be set to +125 volts (Full color bar input and normal picture level).

1. Connect a digital voltmeter to the second anode of the picture tube.

2. Turn on the TV. Set the Brightness and Contrast controls to minimum (zero beam current).

3. The high voltage should not exceed 27.5KV.

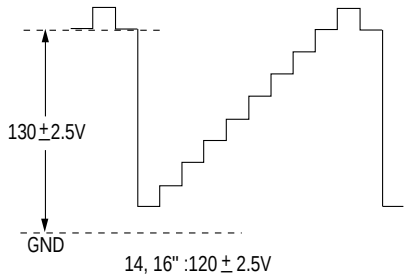
4. Adjust the Brightness and contrast controls to both extremes. Ensure that the high voltage does not exceed 27.5KV under any conditions.

4-3-4 FOCUS Adjustment

1. Input a black and white signal.
2. Adjust the tuning control for the clearest picture.
3. Adjust the FOCUS control for well defined scanning lines in the center area of the screen.

4-3-5 Cathode Voltage Adjustment (Screen Adjustment)

1. Connect CRT socket pin GK to an oscilloscope probe.
2. Input a gray scale pattern. (Use a pattern generator, PM5518)
3. Use the P mode key (on the remote control) for the STANDARD picture.
4. Adjust the Screen VR (on the FBT) so that the voltage on the oscilloscope becomes 130±2.5V (See Fig. 4-1).



14, 16" :120 ± 2.5V
20, 21" : 130±2.5V

Fig. 4-1

4-3-6 Purity Adjustment

1. Warm up the receiver for at least 20 minutes.
2. Plug in the CRT deflection yoke and tighten the clamp screw.
3. Plug the convergence yoke into the CRT and set in as shown in Fig. 4-2.
4. Input a black and white signal.
5. Fully demagnetize the receiver by applying an external degaussing coil.
6. Turn the CONTRAST and BRIGHTNESS controls to maximum.
7. Loosen the clamp screw holding the yoke. Slide the yoke backward or forward to provide vertical green belt. (Fig. 4-3).
8. Tighten the convergence yoke.
9. Slowly move the deflection yoke forward, and adjust for the best overall green screen.
10. Temporarily tighten the deflection yoke.
11. Produce blue and red rasters by adjusting the low-light controls. Check for good purity in each field.
12. Tighten the deflection yoke.

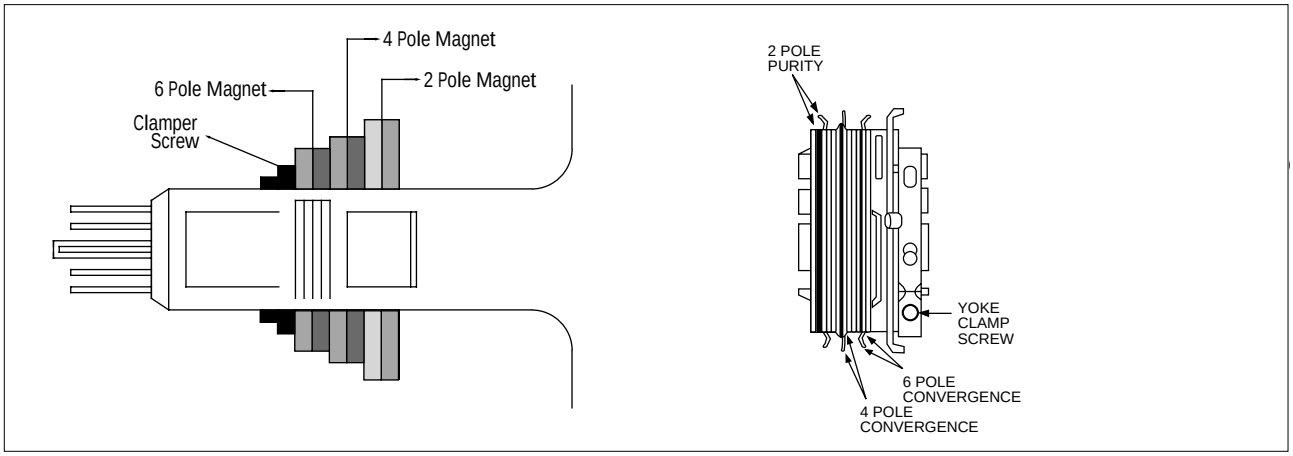


Fig. 4-2 Convergence Magnet Assembly

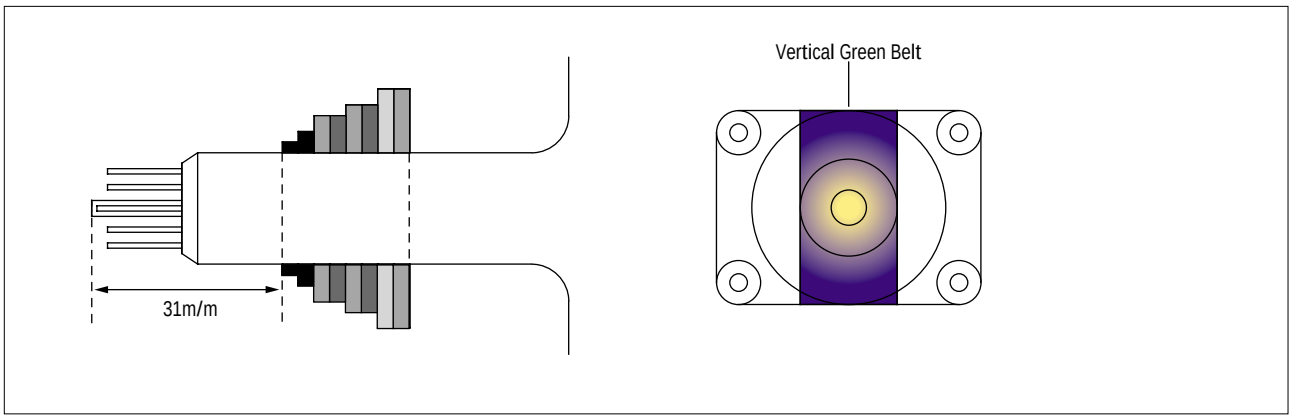


Fig. 4-3 Center Convergence Adjustment

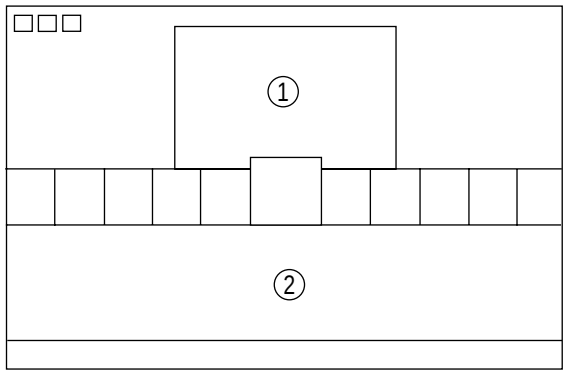


Fig. 4-4

4-3-7 White Balance Adjustment

(a) Set up

1. Warm up the TV for at least 30 minutes in the Aging Mode (OSD White). This mode is displayed by entering the following sequence:

   DISPLAY →FACTORY → FACTORY

2. Input a Toshiba pattern.

(b) Low-Light Adjustment

1. Set SBT to 1.3 ± 0.2 fL in the Factory Service Mode with using CA100. See Fig. 4-4 ¡.

2. Adjust RG,BG so that the levels are suitable to each local area.

(c) High-Light Adjustment

1. Set SCT to 55 FL (20”), 65 FL(14”) in the Factory Service Mode with using CA100. See Fig. 4-4 ¨.

4-3-8 Center Convergence Adjustment

1. Warm up the receiver for at least 20 minutes.

2. Adjust the two tabs of the 4 pole magnets to change the angle between them. Superimpose the red and blue vertical lines in the center area of the screen.

3. Adjust the Brightness and Contrast controls for a well defined picture.

4. Adjust the two-tab pairs of the 4 pole magnets, and change the angle between them. Superimpose the red and the blue vertical lines in the center area of the screen.

5. Turn the both tabs at the same time, keeping the angle constant, and superimpose the red and blue horizontal line in the center of the screen.

6. Adjust the two-tab pairs of the 6-pole magnets to superimpose the red and blue line onto the green. (Changing the angle affects the vertical lines, and rotating both magnets affects the horizontal lines.)

7. Repeat adjustments 2~6, if necessary.

8. Since the 4-pole magnets and 6-pole magnets interact, the dot movement is complex (Fig. 4-5).

Fig. 4-5 Center Convergence Adjustment

4-3-9 VCO Adjustment

Set the vco data to 48 (Factory Mode).

4-3-10 RF AGC Adjustment

Set the AGC data to 5.0 (Factory Mode).

4-3-11 Sub-Color Adjustment

Set SCR data to 10 (Factory Mode).

4-3-12 Geometry Adjustment

SC →PSL (NSL)→PVS (NVS)→ PVA (NVA) →PHS (NHS)

1. Input a lion head pattern.

2. Adjust “PVA (NVA)”, “PSL (VSL)” so that the top and bottom margirns of the screen are 4.0. If the top and bottom values are different, adjust “PVA (NVA)”, “PSL (NSL)”, “PVS (NVS)” so that the sum of the two values is 8.0.

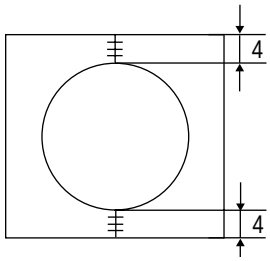


Fig. 4-7

3. Adjust with PHS/NHS (Horizontal Shift) so that the lion-head pattern and CRT centers are aligned.

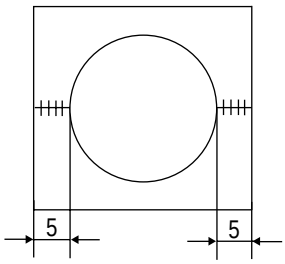


Fig. 4-9

4. Adjust PHS/NHS (using the width coil) so that the left and right margins of the picture are 5.

4-2-3 Test Pattern (Aging Mode)

1. This mode can be used during servicing, or for confirming that the convergence and purity adjustments are correct.

2. Access the Test Pattern parameters by pressing a CHANNEL keys (s ,t) while the Service Mode is on. The cursor will move to the test pattern. Press the VOLUME keys. On-screen display:

   • WHITE

   • AGING

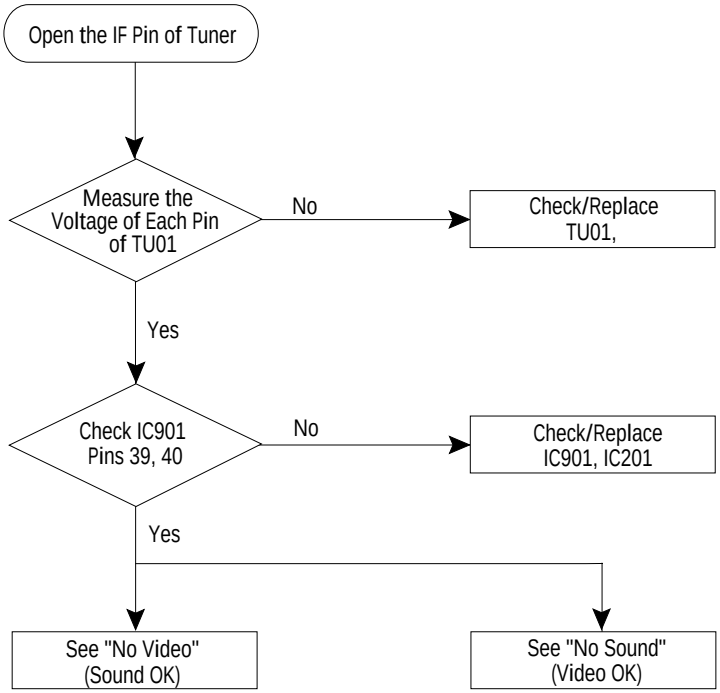
3. AGING Mode (Reference Only)

   This pattern is used for pre-heating the CRT during manufacturing
   —it is accessed in the factory by twice pressing the “SLEEP → FACTORY→FACTORY “ key, then white pattern will be displayed.

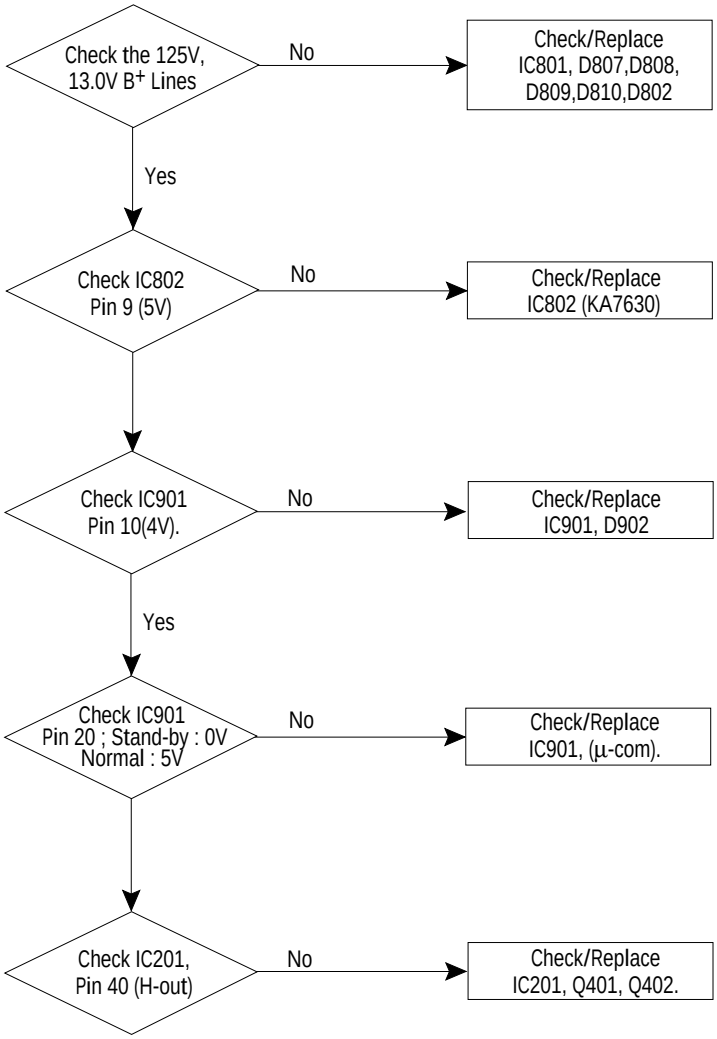
   Even if the TV power is cut off, the Aging Mode is not cancelled, The aging mode is cancelled by repressing the “FACTORY” key or pressing the local “CH UP/DOWN” keys.

5. Troubleshooting

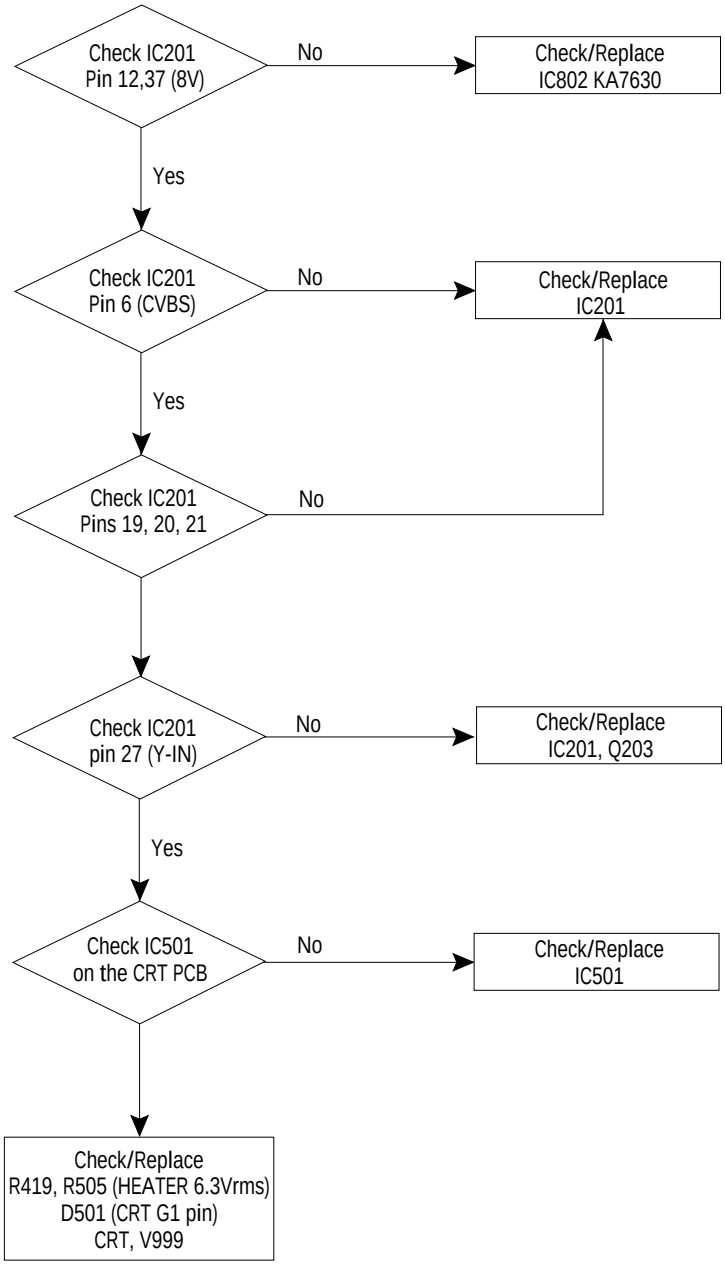
5-1 No Video (Raster On, No Sound)



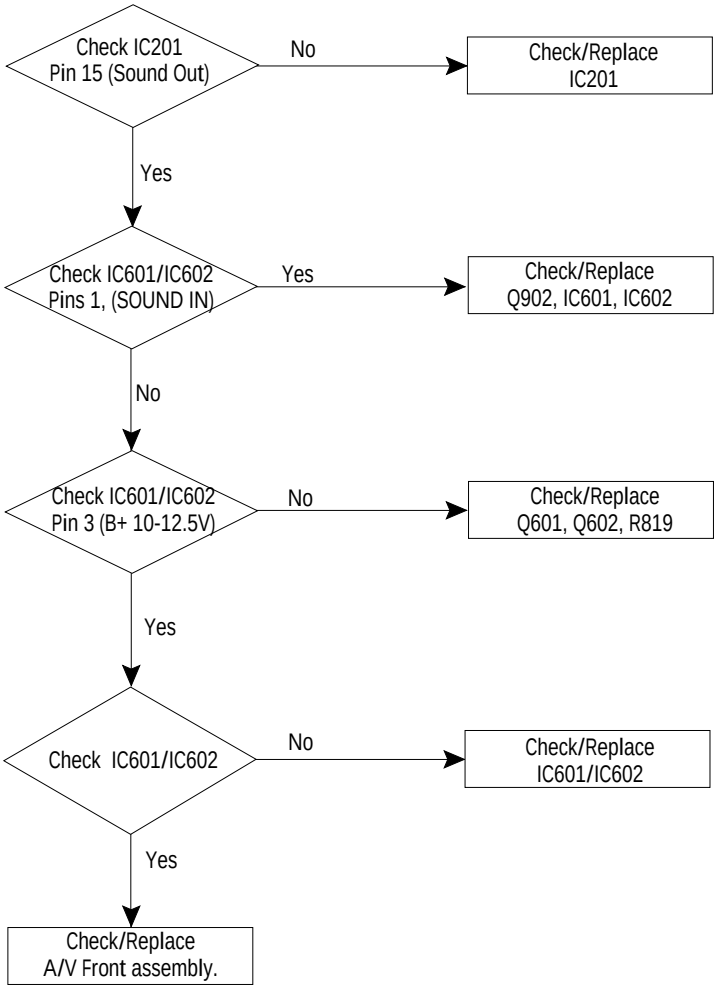
5-2 No Power


Check the 125V, 13.0V B+ Lines
No
Check/Replace IC801, D807,D808, D809,D810,D802
Yes
Check IC802 Pin 9 (5V)
No
Check/Replace IC802 (KA7630)
Check IC901 Pin 10(4V).
No
Check/Replace IC901, D902
Yes
Check IC901 Pin 20 ; Stand-by : 0V Normal : 5V
No
Check/Replace IC901, (μ-com).
Check IC201, Pin 40 (H-out)
No
Check/Replace IC201, Q401, Q402.

5-3 No Video (Sound OK)

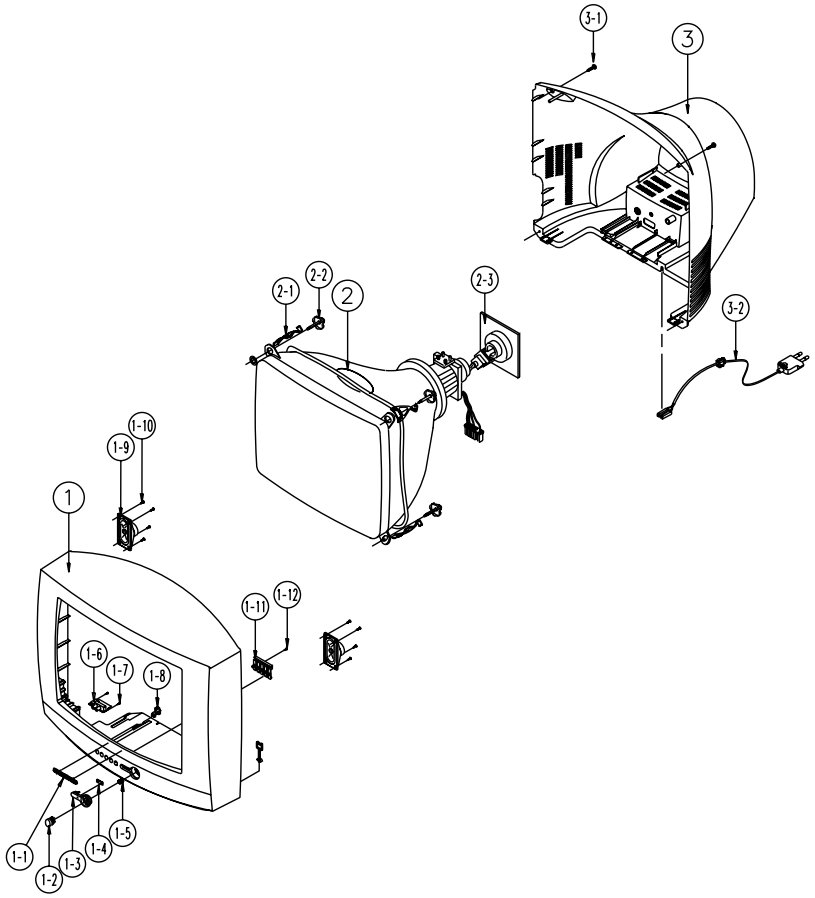


5-4 No Sound (Video OK)



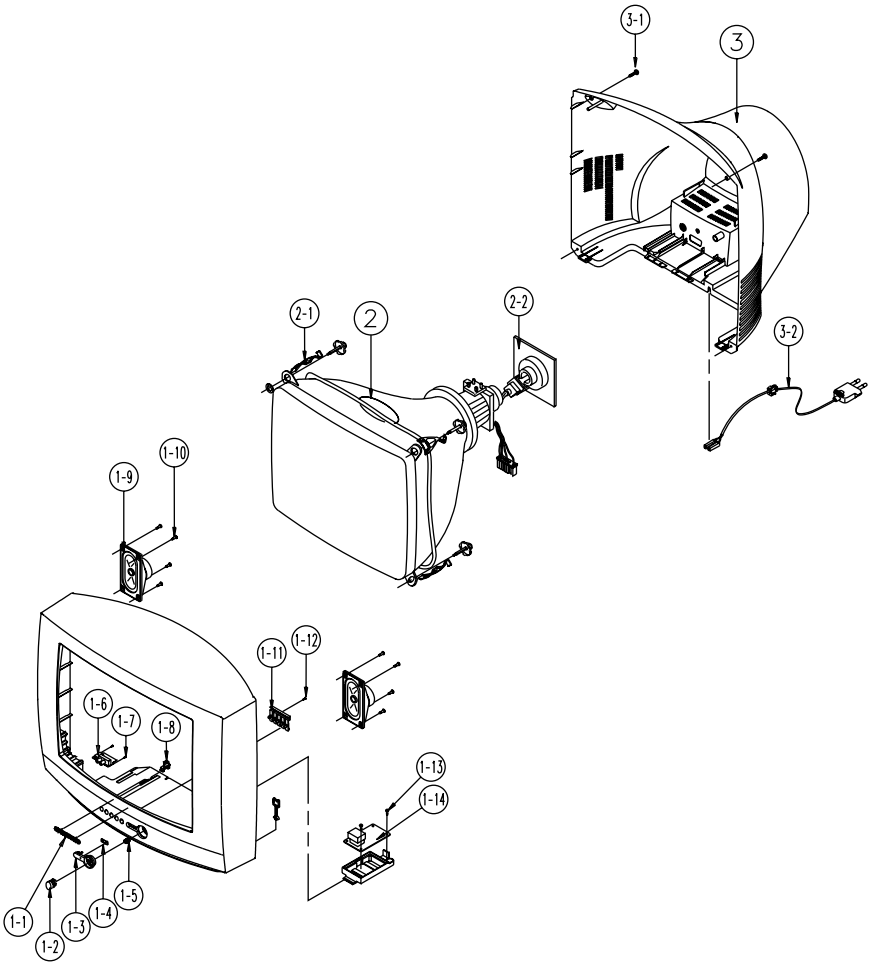
6. Exploded Views & Parts List

6-1 TK1409SC/TCE



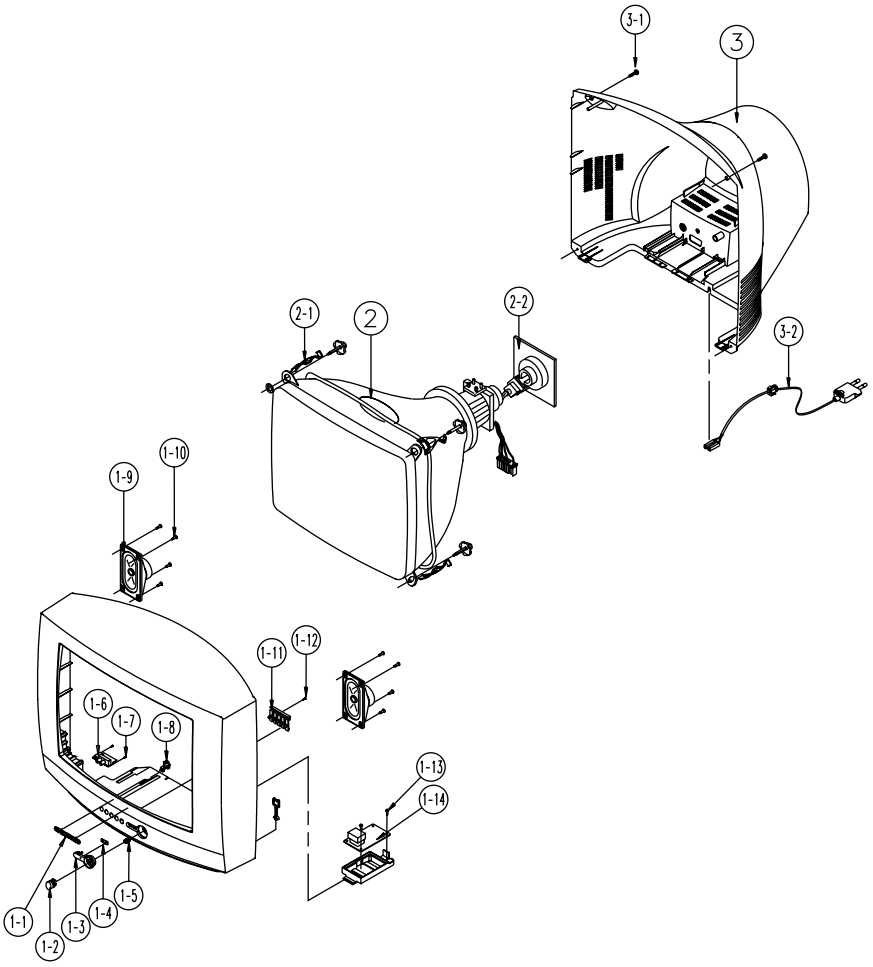
No	Code No	Description	Specification	Q'ty	Remark
1	AA92-00732B	ASSY CABINET FRONT	;TK1409SC/TCE	1	
	AA64-01489F	CABINET FRONT	;14H3,SV808P EWN,HIPS HB,G4	1	
1-1	AA64-00474B	BADGE BRAND	;14INCH,AL,-,-,40(22),SILVER,	1	
1-2	AA64-01492B	KNOB POWER	;14H3,ABS HB,G3676,NO-SILK	1	
1-3	AA64-01493B	WINDOW REMOCON	;14H3,PC,VIOLET	1	
1-4	AA64-01494B	INDICATOR LED	;14H3,ACRYL HB,CLR	1	
1-5	AA61-60003J	SPRING-CS	;-,SUS304,0.5,OD6,H12,N7,-,-,-	1	
1-6	AA41-00227B	PCB-A/V	;CT-20S4,FR-1,1L,B,1.6T,245X245	1	
1-7	6006-001095	SCREW-ASS'Y TAPT	;WP,BH,+,M4,L12,ZPC(YEL)	2	PA+CF
1-8	AA61-40113A	STOPPER-PCB	;501H,HIPS,-,-,HB,NTR,-	1	
1-9	AA96-00610A	ASSY SPEAKER	;,16OHM,3W,3001-001039,AA39-	1	
1-10	6003-001026	SCREW-TAPTITE	;RH,+,B,M4,L15,ZPC(BLK),SWR	8	SPK+CF
1-11	AA64-01491B	KNOB CONTROL	;14H3,ABS HB,G3676	1	
1-12	6003-001026	SCREW-TAPTITE	;RH,+,B,M4,L15,ZPC(BLK),SWR	1	KC+CF
2	AA97-00277A	ASSY-CRT	;A34KQV42X,0MG,14,BARE,TFK1440	1	
2-1	AA65-30106A	CLAMP-D,COIL	;NYLON 66,V2,NTR,-,14 INCH,-	2	
2-2	AA60-10050R	SCREW-ASSY	;-,SWRCH18A,M5,L31.5,HH,+,WC,-	4	
2-3	3704-001112	SOCKET-CRT	;8P,12PI,22.5PI,NI,-	1	V999S
3	AA64-01490D	CABINET-BACK	;14H3,HIPS V2,G4309	1	
3-1	AA60-10050T	SCREW-TAPPING	;-,SWRCH18A,M4,L20,RH,+,2S,	4	CB+CF
3-2	AA96-70170A	ASSY-POWER,CORD	;-,KKP419C,AP2/YES,H/C300	1	

6-2 TK2009SC/TCE



No	Code No	Description	Specification	Q'ty	Remark
1	AA92-00730B	ASSY CABINET FRONT	;TK2009SC/TCE	1	
	AA64-01438G	CABINET FRONT	;20H3,SV808P EWN,HIPS,HB,G4	1	
1-1	AA64-00475B	BADGE BRAND	;20INCH,AL,-,-,50(25),SILVER,	1	
1-2	AA64-01338B	KNOB POWER	;20H3,ABS,G3676,NO-SILK	1	
1-3	AA64-01339B	WINDOW REMOCON	;20H3,PC,VIOLET	1	
1-4	AA64-01340B	INDICATOR LED	;20H3,ACRYL	1	
1-5	AA61-60003J	SPRING-CS;	-,SUS304,0.5,OD6,H12,N7,-,-,-	1	
1-6	AA41-00227B	PCB-A/V	;CT-20S4,FR-1,1L,B,1.6T,245X245	1	
1-7	6006-001095	SCREW-ASS'Y TAPT	;WP,BH,+,M4,L12,ZPC(YEL)	2	AV+CF
1-8	AA61-40113A	STOPPER-PCB	;501H,HIPS,-,-,HB,NTR,-	1	
1-9	AA96-00676A	ASSY SPEAKER	;,16OHM,5W,3001-000280,AA39-	1	
1-10	6003-001026	SCREW-TAPTITE	;RH,+,B,M4,L15,ZPC(BLK),SWR	8	SPK+CF
1-11	AA64-01337B	KNOB CONTROL	;20H3,ABS,G3676	1	
1-12	6003-001026	SCREW-TAPTITE	;RH,+,B,M4,L15,ZPC(BLK),SWR	1	KC+CF
1-13	6006-001095	SCREW-ASS'Y TAPT	;WP,BH,+,M4,L12,ZPC(YEL)	2	AV+CF
1-14	AA97-01312A	ASSY-PCB,A/V FRONT	;,14H3,K15B,NTSC,MONO	1	
2	AA97-00338B	ASSY CRT	;AA03-10029X,0mG,A48KRD82X(H),B	1	
2-1	AA65-30107A	CLAMP-D,COIL	;NYLON 66,V2,NTR,-,20~22 INC	4	
2-2	3704-001105	SOCKET-CRT	;11P,20PI,26.5PI,NI,-	1	V999S
3	AA64-01439E	CABINET BACK	;20H3,HIPS,V2,G4309	1	
3-1	AA60-10050T	SCREW-TAPPING	;-,SWRCH18A,M4,L20,RH,+,2S,	4	CB+CF
3-2	AA96-70170A	ASSY-POWER,CORD	;-,KKP419C,AP2/YES,H/C300	1	

6-3 TK2009STSC/TCE



No	Code No	Description	Specification	Q'ty	Remark
1	AA92-00730C	ASSY CABINET FRONT	;TK2009STSC/TCE	1	
	AA64-01438H	CABINET FRONT	;20H3,SV808P EWS,HIPS,HB,G4	1	
1-1	AA64-00475B	BADGE BRAND	;20INCH,AL,-,-,50(25),SILVER,	1	
1-2	AA64-01338B	KNOB POWER	;20H3,ABS,G3676,NO-SILK	1	
1-3	AA64-01339B	WINDOW REMOCON	;20H3,PC,VIOLET	1	
1-4	AA64-01340B	INDICATOR LED	;20H3,ACRYL	1	
1-5	AA61-60003J	SPRING-CS	;-,SUS304,0.5,OD6,H12,N7,-,-,-	1	
1-6	AA41-00227B	PCB-A/V	;CT-20S4,FR-1,1L,B,1.6T,245X245	1	
1-7	6006-001095	SCREW-ASS'Y TAPT	;WP,BH,+,M4,L12,ZPC(YEL)	2	AV+CF
1-8	AA61-40113A	STOPPER-PCB	;501H,HIPS,-,-,HB,NTR,-	1	
1-9	AA96-00675A	ASSY SPEAKER	;,8OHM,5W,3001-000274,AA39-2	1	
1-10	6003-001026	SCREW-TAPTITE	;RH,+,B,M4,L15,ZPC(BLK),SWR	8	SPK+CF
1-11	AA64-01337B	KNOB CONTROL	;20H3,ABS,G3676	1	
1-12	6003-001026	SCREW-TAPTITE	;RH,+,B,M4,L15,ZPC(BLK),SWR	1	KC+CF
1-13	6006-001095	SCREW-ASS'Y TAPT	;WP,BH,+,M4,L12,ZPC(YEL)	2	AV+CF
1-14	AA97-01336A	ASSY-PCB,A/V FRONT	;,20H3,K15B,NTSC,STERE	1	
2	AA97-00338B	ASSY CRT	;AA03-10029X,0mG,A48KRD82X(H),B	1	
2-1	AA65-30107A	CLAMP-D,COIL	;NYLON 66,V2,NTR,-,20~22 INC	4	
2-2	3704-001105	SOCKET-CRT	;11P,20PI,26.5PI,NI,-	1	V999S
3	AA64-01439E	CABINET BACK	;20H3,HIPS,V2,G4309	1	
3-1	AA60-10050T	SCREW-TAPPING	;-,SWRCH18A,M4,L20,RH,+,2S,	4	CB+CF
3-2	AA96-70170A	ASSY-POWER,CORD	;-,KKP419C,AP2/YES,H/C300	1	

MEMO

7. Electric Parts List

7-1 TK1409SC/TCE

Loc. No.	Code No.	Description ; Specification	Remark

ASSY PCB MAIN(COM)

1	*	AA97-00650D	ASSY PCB MAIN(COM);TK1409SC/TCE,K15B,ARG	S.N.A
..2	C102	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
..2	C104	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C108	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C110	2401-001363	C-AL;470uF,20%,16V,GP,TP,10x12.5,5	
..2	C151	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C153	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C201	2306-000122	C-FILM,MPPF;100nF,5%,50V,TP,7.3x4.0x5.0m	
..2	C202	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C203	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
..2	C204	2401-001333	C-AL;470nF,20%,50V,GP,TP,5x11,5	
..2	C205	2305-000411	C-FILM,MPEF;470nF,5%,50V,TP,7.3x4.8x5.5m	
..2	C206	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C207	2305-000196	C-FILM,MPEF;150nF,5%,63V,TP,-,5mm	
..2	C208	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
..2	C209	2202-000849	C-CERAMIC,MLC-AXIAL;18pF,5%,50V,CH,TP,3.	
..2	C210	2301-000445	C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm	
..2	C211	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
..2	C212	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
..2	C213	2201-000258	C-CERAMIC,DISC;0.017nF,5%,50V,NP0,TP,5x3	
..2	C214	2301-000356	C-FILM,PEF;47nF,5%,50V,TP,7.5x4.0x6.5,5m	
..2	C215	2301-000383	C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm	
..2	C216	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C218	2202-000791	C-CERAMIC,MLC-AXIAL;150pF,10%,50V,Y5P,TP	
..2	C219	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C222	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C226	2301-000224	C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5	
..2	C231	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C232	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C238	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C239	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C240	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
..2	C247	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C248	2309-000138	C-FILM,PE-PPF;100nF,5%,50V,TP,20x16x8.5,	
..2	C249	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C250	2301-000224	C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5	
..2	C251	2301-000445	C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm	
..2	C252	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
..2	C253	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C301	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
..2	C302	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
..2	C303	2401-003028	C-AL;100uF,20%,25V,WT,TP,6.3x11,5	
..2	C304	2401-000901	C-AL;22uF,20%,160V,GP,TP,10x20,5	
..2	C307	2305-000708	C-FILM,MPEF;150nF,5%,100V,TP,16.5x10.3x5	
..2	C308	2305-000470	C-FILM,MPEF;68nF,5%,100V,TP,-,5mm	
..2	C309	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5	
..2	C310	2305-000285	C-FILM,MPEF;220NF,5%,100V,TP,10.5X5.5X15	
..2	C401	2201-000600	C-CERAMIC,DISC;0.56nF,10%,50V,Y5P,TP,5x3	
..2	C405	2301-001065	C-FILM,MPPF;47nF,5%,630V,TP,19x15.5x7,7.	
..2	C406	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP,5.	
..2	C407	2401-001661	C-AL;68uF,20%,100V,GP,TP,10x16,5	
..2	C408	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP,5.	
..2	C409	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
..2	C410	2301-000383	C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm	
..2	C411	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP,5.	
..2	C412	2401-000927	C-AL;22uF,20%,250V,GP,TP,13x20,5	
..2	C413	2401-002268	C-AL;2.2uF,20%,250V,LZ,TP,8X11,5	
..2	C419	2201-000639	C-CERAMIC,DISC;0.68nF,10%,2kV,Y5P,TP,9x5	
..2	C445	2305-000382	C-FILM,MPEF;4.7nF,5%,400V,TP,-,5mm	
..2	C501	2201-000192	C-CERAMIC,DISC;0.01nF,0.25pF,500V,NP0,TP	
..2	C502	2301-000213	C-FILM,PEF;220nF,5%,250V,TP,21.5x11,7.5	
..2	C503	2201-000723	C-CERAMIC,DISC;4.7nF,20%,3KV,Y5U,TP,16x5	
..2	C504	2401-001232	C-AL;4.7uF,20%,250V,GP,TP,10x12.5,5	
..2	C506	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
..2	C601	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
..2	C602	2201-000292	C-CERAMIC,DISC;1nF,10%,50V,Y5P,TP,5x3.5,	
..2	C603	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C604	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C605	2202-000279	C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3.	
..2	C606	2202-000279	C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3.	
..2	C702	2401-000471	C-AL;10uF,20%,50V,BP,TP,5x11,5mm	
..2	C703	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
..2	C705	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
..2	C801	2401-002219	C-AL;220uF,20%,400V,GP,ST,25x40,10	
..2	C802	2201-000119	C-CERAMIC,DISC;100nF,+80-20%,50V,Y5V,TP,	
..2	C803	2301-001435	C-FILM,PPF;1.5nF,5%,1.2kV,TP,15x8x12.5mm	
..2	C805	2201-000991	C-CERAMIC,DISC;0.56nF,10%,2kV,Y5P,TP,7.5	
..2	C806	2401-000262	C-AL;100uF,20%,160V,HR,TP,16x25,7.5	
..2	C807	2201-000599	C-CERAMIC,DISC;0.56nF,10%,500V,Y5P,TP,5.	
..2	C808	2301-000016	C-FILM,PEF;22nF,5%,100V,TP,7.2x4.5x9.0mm	
..2	C809	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
..2	C810	2306-000122	C-FILM,MPPF;100nF,5%,50V,TP,7.3x4.0x5.0m	
..2	C812	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C813	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C816	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C817	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C820	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
..2	C821	2401-001486	C-AL;47uF,20%,160V,HR,TP,13x20mm,5m	
..2	C822	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
..2	C823	2201-000370	C-CERAMIC,DISC;0.22nF,10%,50V,Y5P,TP,4x3	
..2	C851	2401-001192	C-AL;33uF,20%,50V,GP,TP,6.3x11,5	
..2	C852	2301-000235	C-FILM,PEF;3.9nF,5%,50V,TP,6.5x3.0x5.5mm	
..2	C901	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C902	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
..2	C903	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C904	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
..2	C906	2201-000258	C-CERAMIC,DISC;0.017nF,5%,50V,NP0,TP,5x3	
..2	C907	2201-000258	C-CERAMIC,DISC;0.017nF,5%,50V,NP0,TP,5x3	
..2	C908	2201-000962	C-CERAMIC,DISC;0.012nF,5%,50V,RH,TP,5x3,	
..2	C909	2201-000962	C-CERAMIC,DISC;0.012nF,5%,50V,RH,TP,5x3,	
..2	C910	2201-000292	C-CERAMIC,DISC;1nF,10%,50V,Y5P,TP,5x3.5,	
..2	C911	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C912	2301-000246	C-FILM,PEF;33nF,5%,100V,TP,7x5.0x9.5mm,5	
..2	C915	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C917	2202-000807	C-CERAMIC,MLC-AXIAL;22nF,+80-20%,25V,Y5V	
..2	CC01	2201-000247	C-CERAMIC,DISC;0.015nF,5%,50V,NP0,TP,5x3	
..2	CC02	2201-000258	C-CERAMIC,DISC;0.017nF,5%,50V,NP0,TP,5x3	
..2	CN501	AA39-20109A	LEAD CONNECTOR-ASSY;,8P,YBNH025-08,S,400	
..2	CN604	3711-002643	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH	
..2	CN701	3711-002646	CONNECTOR-HEADER;BOX,7P,1R,2.5mm,STRAIGH	
⚠ ..2	CR401S	2301-001219	C-FILM,MPE-PPF;3.9nF,5%,1.6KV,TP,29x8.5x	
⚠ ..2	CR403S	2306-000179	C-FILM,MPPF;300nF,5%,250V,TP,20x18.5x10.	
..2	CS603	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
..2	CU10	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
⚠ ..2	CX801S	2306-000318	C-FILM,MPPF;220nF,20%,250V,TP,-,22.5mm	
⚠ ..2	CY801S	2201-000446	C-CERAMIC,DISC;3.3nF,20%,400V,Y5U,TP,15x	
..2	D101	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
..2	D102	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2	D201	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2	D202	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2	D209	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2	D210	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2	D301	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2	D401	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2	D402	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2	D403	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
..2	D404	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T	
..2	D405	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
..2	D407	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
..2	D501	0402-000254	DIODE-RECTIFIER;RGP10J,600V,1A,DO-41,TP	
..2	D502	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
..2	D503	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	

Loc. No.	Code No.	Description ; Specification	Remark
..2 D504	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
..2 D601	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
⚠ ..2 D801S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2 D802	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5A,-,TP	
⚠ ..2 D802S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2 D803	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
⚠ ..2 D803S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
⚠ ..2 D804S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2 D805	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2 D806	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D814	0404-001056	DIODE-SCHOTTKY;RK16,60V,1.5A,DO-204AC,TP	
..2 D855	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
..2 D856	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 D901	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D902	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 D903	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D905	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 D906	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D907	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D908	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 DU01	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2 DZ201	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
..2 DZ202	0403-000714	DIODE-ZENER;MTZJ3.3B,3.3V,3.32-3.53V,500	
..2 DZ203	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ204	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 DZ205	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO	
..2 DZ206	0403-000714	DIODE-ZENER;MTZJ3.3B,3.3V,3.32-3.53V,500	
..2 DZ207	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ208	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ301	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D	
..2 DZ302	0403-001039	DIODE-ZENER;MA2560,56V,52-60V,1W,DO-41,T	
..2 DZ303	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
..2 DZ501	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ502	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ503	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ504	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ601	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
..2 DZ602	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
..2 DZ603	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
..2 DZ606	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ607	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ608	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ802	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D	
..2 DZ806	0403-001318	DIODE-ZENER;MTZJ4.3B,4.17-4.43V,500mW,DO	
..2 DZ807	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ808	0403-000699	DIODE-ZENER;TZP27B,27V,27-30.8V,1W,DO-41	
..2 DZ901	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 DZ902	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 DZ904	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 DZ906	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 F801A	3602-000114	FUSE-HOLDER;-,-,30mohm	
..2 F801B	3602-000114	FUSE-HOLDER;-,-,30mohm	
⚠ ..2 FA801S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
⚠ ..2 FP801S	3601-000281	FUSE-CARTRIDGE;250V,4A,TIME-LAG,GLASS,5.	
⚠ ..2 IC201S	1204-001439	IC-VIDEO PROCESS;TDA8841,DIP,56P,-,PLAST	
..2 IC301	AA96-00193A	ASSY-H/S;-,DP,-,AA96-50345E,-	S.N.A
...3	AA96-50345E	ASSY-H/S;-,VERT,AA62-30174A,TDA8356/N6A	S.N.A
....4	AA62-30174A	HEAT SINK-PS;-,SPC,T1.0,-,33X20X50,-,FT-	
....4	AA61-10162A	BRACKET-IC;-,SBHG-1,T1.0,-,-,-,-	
....4	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
....4	1204-001541	IC-VERTICAL DEF.;TDA8356/N6A,SIP,9P,-,PL	
....4	0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
..2 IC501	AA96-00192A	ASSY-H/S;-,DP,-,AA96-50311A,-	S.N.A
...3	AA96-50311A	ASSY-H/S;-,VIDEO,AA62-30175D,TDA6107Q,-	S.N.A
....4	1201-001159	IC-VIDEO AMP;6107,ZSIP,9P,-,SINGLE,-,PLA	
....4	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
....4	AA62-30175D	HEAT SINK-PS;-,SECC,T1.0,-,33X15X30 FT-2	
..2 IC601	AA96-00201A	ASSY-H/S;-,DP,-,AA96-50397B,-	S.N.A
...3	AA96-50397A	ASSY-H/S;-,-,AA62-30180J,TDA7266S,-	S.N.A
....4	0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	1201-001308	IC-POWER AMP;7266,ZIP,15P,-,DUAL,26dB,PL	
....4	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
....4	AA62-30180J	HEAT SINK-ES;-,A6063 EXTR,-,WHT,-,-,-,40	
⚠ ..2 IC801S	AA96-00294A	ASSY H/S;DP,-,-,-,AA96-00242A	S.N.A
...3	AA96-00242A	ASSY H/S;-,-,AA62-30186B,KA5Q0765R,-	S.N.A
....4	0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	1203-001932	IC-PWM CONTROLLER;5Q0765,TO-220F,5P,185M	

Loc. No.	Code No.	Description ; Specification	Remark
....4	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
....4	AA62-30186B	HEAT SINK-ES;-,-,-,SILVER,171J + COVER-H	
⚠ ..2 IC802	1203-001531	IC-POSI.FIXED REG.;7630,SIP,10P,-,PLASTI	
..2 IC901	AA13-00022A	IC-MCU;KS88C8316-16D,SSM-174PT,ST,16k	
..2 IC902	1103-001107	IC-EEPROM;C21DC,256x8Bit,DIP,8P,300MIL,-	
..2 JA701	3722-000162	JACK-PIN;2P,3.4mm,SN,BLK,-	
..2 L102	2701-001070	INDUCTOR-AXIAL;68UH,10%,4.2X9.8MM	
..2 L152	2701-000101	INDUCTOR-AXIAL;1.2uH,10%,2.5x3.4mm	
..2 L201	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
..2 L206	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
..2 L301	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
..2 L302	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
..2 L303	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
..2 L304	2701-000159	INDUCTOR-AXIAL;22uH,10%,4.2x9.8mm	
..2 L305	2701-000116	INDUCTOR-AXIAL;10uH,10%,4.2x9.8mm	
..2 L402	2701-001032	INDUCTOR-AXIAL;100uH,10%,5x14mm	
..2 L601	2701-000158	INDUCTOR-AXIAL;22uH,10%,2.5x3.4mm	
..2 L802	3301-001223	CORE-FERRITE BEAD;AA,62ohm,3.5x0.8x5mm,-	
..2 L803	2901-000299	FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,	
..2 L804	3301-001223	CORE-FERRITE BEAD;AA,62ohm,3.5x0.8x5mm,-	
..2 L809	2901-000299	FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,	
..2 L810	2701-001032	INDUCTOR-AXIAL;100uH,10%,5x14mm	
..2 L811	2901-000299	FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,	
..2 L901	2701-000197	INDUCTOR-AXIAL;5.6uH,10%,2.5x3.4mm	
..2 L902	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
⚠ ..2 LC801S	AA27-20003U	COIL-DEGAUSSING;-,14,16.4ohm,75T,890mm,D	
..2 LD901	AA96-30001C	ASSY-LED,GUIDE;-,AA61-50055A,DL-G7RA,-	S.N.A
⚠ ..2 LR401S	AA27-30003R	COIL-LINEARLITY;-,220uH,YL10x10,0.35mm,2	
..2 LWU01	2701-000158	INDUCTOR-AXIAL;22uH,10%,2.5x3.4mm	
⚠ ..2 LX801S	AA29-30001D	FILTER-LINE NOISE;SQ1913,-,6.0MH,0.8A,-	
⚠ ..2 NT801S	1404-001045	THERMISTOR-NTC;4.7ohm,15%,2900K,35.0mW,T	
..2 P803S	1404-001087	THERMISTOR-PTC;7ohm,30%,220V,270V,19A,-,	
⚠ ..2 PC801S	0604-001038	PHOTO-COUPLER;TR,130-260%,200mW,DIP-4,ST	
..2 Q151	0501-000436	TR-SMALL SIGNAL;KTC3197,NPN,625mW,TO-92,	
..2 Q201	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
..2 Q202	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
..2 Q205	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
..2 Q401	0502-001115	TR-POWER;KSC5386,NPN,50W,TO-3PF,ST,8-	
..2 Q402	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1000mW,TO-	
..2 Q601	0501-002183	TR-SMALL SIGNAL;KTC9014,NPN,625mW,TO-92,	
..2 Q801	1203-001217	IC-POSI.ADJUST REG.;431,TO-92,3P,4.58MIL	
..2 QC01	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
..2 QC02	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
..2 QU10	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1000mW,TO-	
..2 R101	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R102	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R103	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R104	2003-000502	R-METAL OXIDE(S);150ohm,5%,2W,AA,TP,4x12	
..2 R105	2003-000502	R-METAL OXIDE(S);150ohm,5%,2W,AA,TP,4x12	
..2 R106	2003-000664	R-METAL OXIDE(S);33ohm,5%,2W,AF,TP,4x12m	
..2 R152	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R153	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R154	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R155	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R156	2001-000666	R-CARBON;33OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R157	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R158	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R159	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R200	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R201	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R202	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R203	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R207	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R208	2001-000674	R-CARBON;360OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R209	2001-000016	R-CARBON(S);1OHM,5%,1/2W,AA,TP,2.4X6.4MM	
..2 R210	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R212	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R213	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R214	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R215	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R218	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R219	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R224	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R225	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R226	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R227	2001-000011	R-CARBON;75KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R230	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	

Loc. No.		Code No.	Description ; Specification	Remark
..2	R231	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R232	2001-000356	R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R234	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R235	2001-000633	R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R236	2003-000634	R-METAL OXIDE(S);3.9Kohm,5%,1W,AA,TP,3.3	
..2	R237	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R240	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R243	2001-000343	R-CARBON;130OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R244	2001-000780	R-CARBON;4700HM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R245	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R246	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R247	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R252	2004-001914	R-METAL;39Kohm,2%,1/8W,AA,TP,1.8x3.5mm	
..2	R258	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R262	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R301	2004-000500	R-METAL;2.7Kohm,1%,1/8W,AA,TP,1.8x3.2m	
..2	R302	2003-002010	R-METAL OXIDE(S);680ohm,5%,1W,AF,TP,3.9x	
..2	R303	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
..2	R305	2004-004087	R-METAL(S);1.5ohm,1%,1/2W,AA,TP,2.5x6.5m	
..2	R306	2008-000254	R-FUSIBLE(S);0.68ohm,5%,2W,AF,TP,3.9x10m	
..2	R307	2003-000652	R-METAL OXIDE(S);330ohm,5%,2W,AF,TP,4x12	
..2	R403	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
..2	R404	2001-001410	R-CARBON(S);43OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2	R405	2003-002173	R-METAL OXIDE(S);7.5Kohm,5%,2W,AG,TP,3.9	
..2	R406	2003-000455	R-METAL OXIDE(S);100ohm,5%,2W,AA,TP,4x12	
..2	R407	2003-002193	R-METAL OXIDE(S);33Kohm,5%,2W,AG,TP,3.9X	
..2	R409	2008-000206	R-FUSIBLE(S);1ohm,5%,1/2W,AF,TP,2.5x6.5m	
..2	R410	2008-000204	R-FUSIBLE(S);0.22ohm,10%,1/2W,AF,TP,2.5x	
..2	R413	2001-001037	R-CARBON(S);0.39OHM,5%,1/2W,AA,TP,2.4X6.	
..2	R415	2003-002178	R-METAL OXIDE(S);1Kohm,5%,2W,AG,TP,3.9x1	
..2	R416	2001-000022	R-CARBON(S);33OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2	R417	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
..2	R419	2008-000264	R-FUSIBLE(S);1ohm,5%,1W,AF,TP,3.9x10mm	
..2	R420	2004-001377	R-METAL(S);120Kohm,1%,1/2W,AA,TP,2.4x6.4	
..2	R501M	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
..2	R502M	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
..2	R503	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
..2	R504	2001-001062	R-CARBON(S);10MOHM,5%,1/2W,AA,TP,2.4X6.4	
..2	R505	2008-001015	R-FUSIBLE(S);1.5ohm,5%,2W,AF,TP,3.9x10mm	
..2	R510	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R511	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R512	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R601	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R602	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R603	2004-000195	R-METAL;100Kohm,1%,1/8W,AA,TP,1.8x3.2m	
..2	R604	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R606	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R607	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R701	2001-001187	R-CARBON(S);75OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2	R702	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
..2	R703	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R801	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA,TP,2.4X6.	
..2	R802	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
..2	R803	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
..2	R807	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
..2	R808	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA,TP,2.4X6.	
..2	R809	2008-000205	R-FUSIBLE(S);10ohm,5%,1/2W,AF,TP,2.5x6.5	
..2	R811	2001-001170	R-CARBON(S);6.8OHM,5%,1/2W,AA,TP,2.4X6.4	
..2	R812	2008-000264	R-FUSIBLE(S);1ohm,5%,1W,AF,TP,3.9x10mm	
..2	R816	2001-001192	R-CARBON(S);820OHM,5%,1/2W,AA,TP,2.4X6.4	
..2	R817	2001-001170	R-CARBON(S);6.8OHM,5%,1/2W,AA,TP,2.4X6.4	
..2	R819	2008-001049	R-FUSIBLE(S);3.9OHM,5%,2W,AF,TP,3.9X10MM	
..2	R819A	2008-001049	R-FUSIBLE(S);3.9OHM,5%,2W,AF,TP,3.9X10MM	
..2	R820	2001-000019	R-CARBON(S);10OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2	R821	2004-004089	R-METAL(S);123Kohm,1%,1/2W,AA,TP,2.5x6.5	
..2	R823	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
..2	R824	2004-001983	R-METAL(S);2.49Kohm,1%,1/2W,AA,TP,2.4x6.	
..2	R825	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
..2	R852	2004-001371	R-METAL(S);1.5Kohm,1%,1/2W,AA,TP,2.4x6.4	
..2	R853	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
..2	R854	2001-001125	R-CARBON(S);300KOHM,5%,1/2W,AA,TP,2.4X6.	
..2	R901	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R902	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R903	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R904	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R905	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R906	2004-000187	R-METAL;10.5Kohm,1%,1/4W,AA,TP,2.4x6.4	
..2	R907	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R908	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R909	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R910	2001-000878	R-CARBON;6.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R911	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R913	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R914	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R915	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R916	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R917	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R918	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R919	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R921	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R922	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R923	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R924	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R925	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R926	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R927	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R928	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R929	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R930	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R931	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R937	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	R940	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R941	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R942	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R951	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R968	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	R988	2001-000397	R-CARBON;180KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	RC01	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RC02	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
⚠..2	RL801S	3501-001040	RELAY-POWER;12VDC,500mW,10A,1FormA,15mS,	
..2	RM901	AA59-60001U	MODULE-REMOCON;-,ORC-50VF/SR-12V,38KHz,9	
⚠..2	RR401S	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
..2	RS606	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RU11	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RU12	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	RU13	2001-000022	R-CARBON(S);33OHM,5%,1/2W,AA,TP,2.4X6.4M	
⚠..2	RX801S	2002-001013	R-COMPOSITION;4.7Mohm,5%,1/2W,AA,TP,3.7x	
⚠..2	RY801S	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x	
⚠..2	SF101S	2904-000286	FILTER-SAW AV;45.75MHz,SIP5K,ST,13dB,M/N	
⚠..2	SW801S	3403-000179	SWITCH-PUSH;250V,5A,DPST,-,JPW-2104B	
..2	SW901	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2	SW902	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2	SW903	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2	SW904	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2	SW905	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2	T401	AA26-50001B	TRANS-HORIZ.DRIVE;-,7.1mH,102uH,10-20uH,	
⚠..2	T444S	AA26-30005S	TRANS-FLYBACK;-,FSV-14A004(S),14',125V	
⚠..2	T801S	AA26-00043A	TRANS SWITCHING;-,-,-,AC90~260V,125/12.5	
⚠..2	TU01S	AA40-10005Y	TUNER-F/S;TECC1970PG26A(S),NTSC/USA,TR,1	
⚠..2	V999S	3704-001112	SOCKET-CRT;8P,12PI,22.5PI,NI,-	
⚠..2	VX801S	1405-000152	VARISTOR;560V,2500A,14x8.5mm,TP	
..2	X203	2801-003298	CRYSTAL-UNIT;3.579545MHz,30ppm,28-AAM,20	
..2	X901	2801-000724	CRYSTAL-UNIT;6MHz,50ppm,28-AAM,20pF,40oh	
..2	XC01	2801-003300	CRYSTAL-UNIT;3.575611MHz,30ppm,28-AAM,20	
..2	XC02	2801-003299	CRYSTAL-UNIT;3.582056MHz,30ppm,28-AAM,20	
..2	Z201	2903-001022	FILTER-CERAMIC;BR,4.5MHz,-,-,-,TP,-	
..2	Z601	2903-000135	FILTER-CERAMIC;BP,4.5MHz,120KHz,6dB,-,TP	
..2		AA41-10955D	PCB-MAIN;K15B,1L,FR-1,330x245x1.6T,1A,-	S.N.A
..2		AA65-30009A	CLAMP-FBT;ABS,V0,BLK,-,-,-	S.N.A
..2		AA65-30104C	CLAMP-WIRE;NYLON 66,V2,NTR,W1 Z4,ALL MOD	S.N.A
..2		AA65-30109A	CLAMP-FBT;NYLON-66,V2,BLK,-,-,-	S.N.A

ASSY-PCB,A/V FRONT

1	*	AA97-01312A	ASSY-PCB,A/V FRONT;,14H3,K15B,NTSC,MONO	S.N.A
..2	CE01	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	CE02	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	CN701A	AA39-20070E	LEAD CONNECTOR-ASSY;,7P,YBNH025-07,67096	
..2	JE601	3722-000143	JACK-PHONE;1P(VER),3.4mm,AG,BLK,NO	
..2	JR01	3722-001282	JACK-RCA;2P(3P),3.2mm,AU,BLK,-	
..2	RE01	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	

Loc. No.		Code No.	Description ; Specification	Remark
..2	RE02	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	
..2		AA41-00227B	PCB-A/V;CT-20S4,FR-1,1L,B,1.6T,245X245	S.N.A
..2		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A

ASSY-PACKING,CKD

1	*	AA92-90001A	ASSY-PACKING,CKD;ALL MODEL	S.N.A
..2		AA69-60002A	WOODEN-BOX;WOOD,1060,800,480,45%,-	S.N.A
..2		AA69-60002B	WOODEN-BOX;WOOD,1060,560,400,45%,-	S.N.A
..2		AA69-60002C	WOODEN-BOX;WOOD,530,560,400,45%,-	S.N.A
..2		AA69-90001A	SILICAGEL;M2,5GR,-,-,-	S.N.A
..2		AA61-30009A	LOCKER-BAND,CLIP;-,SPC-1,-,-,18MM T0.5,-	S.N.A
..2		AA69-30010A	BAG-SHEET;LDPE,T0.08,W220,L300,-,-,-	S.N.A

ASSY-SUB,MATERIAL

1	*	AA97-00291A	ASSY-SUB,MATERIAL;TFK14400,K15B,ARGENTIN	S.N.A
..2		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A

ASSY-TBC,WIRE(P)

1	*	AA98-70032A	ASSY-TBC,WIRE(P);DP,14,AA98-70014A,1P,T	S.N.A

ASSY CABINET FRONT

1	*	AA92-00732B	ASSY CABINET FRONT;TK1409SC/TCE	S.N.A
..2	KC+CF	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
..2	SPK+CF	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
..2		AA64-01493B	WINDOW REMOCON;14H3,PC,VIOLET	
..2		AA64-01494B	INDICATOR LED;14H3,ACRYL HB,CLR	
..2		AA64-01834B	CABINET FRONT;DP,14H3,64-01489F,HB	S.N.A
...3		AA64-01489F	CABINET FRONT;14H3,SV808P EWN,HIPS HB,G4	
..2		AA64-01835A	KNOB CONTROL;DP,14H3,64-01491B	
...3		AA64-01491B	KNOB CONTROL;14H3,ABS HB,G3676	
..2		AA65-30105A	CLAMP-WIRE;NYLON 66,V2,NTR,15MM,ALL MODE	S.N.A
..2		AA64-01492B	KNOB POWER;14H3,ABS HB,G3676,NO-SILK	
..2		AA61-40113A	STOPPER-PCB;501H,HIPS,-,-,HB,NTR,-	
..2		AA61-60003J	SPRING-CS;-,SUS304,0.5,OD6,H12,N7,-,-,-	
..2		AA64-00474B	BADGE BRAND;14INCH,AL,-,-,40(22),SILVER,	S.N.A
..2		AA64-00738Q	INLAY AV;14H3,PS SHEET,BLK,K15B D/GRY W	S.N.A

ASSY CABINET(COM)

1	*	AA92-00731B	ASSY CABINET(COM);TK1409SC/TCE	S.N.A
..2	CB+CF	AA60-10050T	SCREW-TAPPING;-,SWRCH18A,M4,L20,RH,+,2S,	
..2	CB+RJ	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
..2	PA+CF	6006-001095	SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL)	
..2		AA65-30106A	CLAMP-D,COIL;NYLON 66,V2,NTR,-,14 INCH,-	S.N.A
..2		AA65-30008A	CLAMP-CORD;PE,HB,BLK,-,-,-	
..2		AA64-01832B	CABINET-BACK;DP,14H3,64-01490D,V2	S.N.A
...3		AA64-01490D	CABINET-BACK;14H3,HIPS V2,G4309	
..2		AA60-10050R	SCREW-ASSY;-,SWRCH18A,M5,L31.5,HH,+,WC,-	
..2		AA60-00091J	SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,-	S.N.A

ASSY-CRT

⚠ 1	*	AA97-00277A	ASSY-CRT;A34KQV42X,0MG,14,BARE,TFK1440	S.N.A
..2		AA27-00041A	DEFLECTION-YOKE;-,QPC-E3704,14INCH,-,3.1	
..2		AA03-10002M	CRT-COLOR;-,A34KQV42X,0MG,14,90DEG,57%,	
..2		AA63-60028A	SPACER-DY;-,NEOPRENE,-,-,-,BLK,-,-,V0 W1	
..2		AA27-00001A	MAGNET-CONVERGENCE;-,JH225-06A,22.5MM	

Loc. No.		Code No.	Description ; Specification	Remark

ASSY SPEAKER

1	*	AA96-00610A	ASSY SPEAKER;,16OHM,3W,3001-001039,AA39-	S.N.A
..2		3001-001039	SPEAKER;3W,16ohm,90dB,180Hz	S.N.A
..2		AA39-20505N	LEAD CONNECTOR-ASSY;,4P,YSH025-04,REC,35	

ASSY-POWER,CORD

⚠ 1	*	AA96-70170A	ASSY-POWER,CORD;-,KKP419C,AP2/YES,H/C300	S.N.A
..2		AA39-10005Q	POWER-CORD;-,KKP-560N,H03VVH2-F,2.4m,3P,	
..2		AA61-20284A	HOLDER;-,P-CORD,PP,VO,BLK,KE-002	S.N.A

ASSY-ACCESSORY

1	*	AA97-00268A	ASSY-ACCESSORY;-,TFK14000,K15B,TELEFUNKE	S.N.A
..2		AA42-10001V	ANT-ROD;-,3S,620mm,BRN,UL/CSA	
..2		AA68-00410A	MANUAL-USERS;K15B,W/P100(G),-,SPA,TELEFU	
..2		AA26-90001C	TRANS-MATCHING;-,300ohm/75ohm,PAL,40-890	

REMOCON

1	*	AA59-00021E	REMOCON;-,TM59,SSM174PT,27,L/GRAY,TELE	

7-2 TK2009SC/TCE

ASSY PCB MAIN(COM)

Loc. No.		Code No.	Description ; Specification	Remark
1	*	AA97-00650E	ASSY PCB MAIN(COM);TK2009SC/TCE,K15B,ARG	S.N.A
..2	C102	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
..2	C104	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C108	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C110	2401-001363	C-AL;470uF,20%,16V,GP,TP,10x12.5,5	
..2	C151	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C153	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C201	2306-000122	C-FILM,MPPF;100nF,5%,50V,TP,7.3x4.0x5.0m	
..2	C202	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C203	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
..2	C204	2401-001333	C-AL;470nF,20%,50V,GP,TP,5x11,5	
..2	C205	2305-000411	C-FILM,MPEF;470nF,5%,50V,TP,7.3x4.8x5.5m	
..2	C206	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C207	2305-000196	C-FILM,MPEF;150nF,5%,63V,TP,-,5mm	
..2	C208	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
..2	C209	2202-000849	C-CERAMIC,MLC-AXIAL;18pF,5%,50V,CH,TP,3.	
..2	C210	2301-000445	C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm	
..2	C211	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
..2	C212	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
..2	C213	2201-000258	C-CERAMIC,DISC;0.017nF,5%,50V,NP0,TP,5x3	
..2	C214	2301-000356	C-FILM,PEF;47nF,5%,50V,TP,7.5x4.0x6.5,5m	
..2	C215	2301-000383	C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm	
..2	C216	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C218	2202-000791	C-CERAMIC,MLC-AXIAL;150pF,10%,50V,Y5P,TP	
..2	C219	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C222	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C226	2301-000224	C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5	
..2	C231	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C232	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C238	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C239	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C240	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
..2	C247	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C248	2309-000138	C-FILM,PE-PPF;100nF,5%,50V,TP,20x16x8.5,	
..2	C249	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C250	2301-000224	C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5	
..2	C251	2301-000445	C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm	
..2	C252	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
..2	C253	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C301	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
..2	C302	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
..2	C303	2401-003028	C-AL;100uF,20%,25V,WT,TP,6.3x11,5	
..2	C304	2401-000901	C-AL;22uF,20%,160V,GP,TP,10x20,5	
..2	C307	2305-000708	C-FILM,MPEF;150nF,5%,100V,TP,16.5x10.3x5	
..2	C308	2305-000470	C-FILM,MPEF;68nF,5%,100V,TP,-,5mm	
..2	C309	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5	
..2	C310	2305-000285	C-FILM,MPEF;220NF,5%,100V,TP,10.5X5.5X15	
..2	C401	2201-000600	C-CERAMIC,DISC;0.56nF,10%,50V,Y5P,TP,5x3	
..2	C405	2301-001065	C-FILM,MPPF;47nF,5%,630V,TP,19x15.5x7,7.	
..2	C406	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP,5.	
..2	C407	2401-001661	C-AL;68uF,20%,100V,GP,TP,10x16,5	
..2	C408	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP,5.	
..2	C409	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
..2	C410	2301-000383	C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm	
..2	C411	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP,5.	
..2	C412	2401-000927	C-AL;22uF,20%,250V,GP,TP,13x20,5	
..2	C413	2401-002267	C-AL;2.2uF,20%,250V,GP,TP,8x11.5,5	
..2	C419	2201-000639	C-CERAMIC,DISC;0.68nF,10%,2kV,Y5P,TP,9x5	
..2	C445	2305-000382	C-FILM,MPEF;4.7nF,5%,400V,TP,-,5mm	
..2	C501	2201-000192	C-CERAMIC,DISC;0.01nF,0.25pF,500V,NP0,TP	
..2	C502	2301-000213	C-FILM,PEF;220nF,5%,250V,TP,21.5x11,7.5	
..2	C503	2201-000723	C-CERAMIC,DISC;4.7nF,20%,3KV,Y5U,TP,16x5	
..2	C504	2401-001232	C-AL;4.7uF,20%,250V,GP,TP,10x12.5,5	
..2	C506	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
..2	C601	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
..2	C602	2201-000292	C-CERAMIC,DISC;1nF,10%,50V,Y5P,TP,5x3.5,	
..2	C603	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C604	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C605	2202-000279	C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3.	
..2	C606	2202-000279	C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3.	
..2	C702	2401-000471	C-AL;10uF,20%,50V,BP,TP,5x11,5mm	
..2	C703	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
..2	C705	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
..2	C801	2401-002219	C-AL;220uF,20%,400V,GP,ST,25x40,10	
..2	C802	2201-000119	C-CERAMIC,DISC;100nF,+80-20%,50V,Y5V,TP,	
..2	C803	2301-001435	C-FILM,PPF;1.5nF,5%,1.2kV,TP,15x8x12.5mm	
..2	C805	2201-000991	C-CERAMIC,DISC;0.56nF,10%,2kV,Y5P,TP,7.5	
..2	C806	2401-000262	C-AL;100uF,20%,160V,HR,TP,16x25,7.5	
..2	C807	2201-000599	C-CERAMIC,DISC;0.56nF,10%,500V,Y5P,TP,5.	
..2	C808	2301-000016	C-FILM,PEF;22nF,5%,100V,TP,7.2x4.5x9.0mm	
..2	C809	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
..2	C810	2306-000122	C-FILM,MPPF;100nF,5%,50V,TP,7.3x4.0x5.0m	
..2	C812	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C813	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C816	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C817	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C820	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
..2	C821	2401-001486	C-AL;47uF,20%,160V,HR,TP,13x20mm,5m	
..2	C822	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
..2	C823	2201-000370	C-CERAMIC,DISC;0.22nF,10%,50V,Y5P,TP,4x3	
..2	C851	2401-001192	C-AL;33uF,20%,50V,GP,TP,6.3x11,5	
..2	C852	2301-000235	C-FILM,PEF;3.9nF,5%,50V,TP,6.5x3.0x5.5mm	
..2	C901	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C902	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
..2	C903	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C904	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
..2	C906	2201-000258	C-CERAMIC,DISC;0.017nF,5%,50V,NP0,TP,5x3	
..2	C907	2201-000258	C-CERAMIC,DISC;0.017nF,5%,50V,NP0,TP,5x3	
..2	C908	2201-000962	C-CERAMIC,DISC;0.012nF,5%,50V,RH,TP,5x3,	
..2	C909	2201-000962	C-CERAMIC,DISC;0.012nF,5%,50V,RH,TP,5x3,	
..2	C910	2201-000292	C-CERAMIC,DISC;1nF,10%,50V,Y5P,TP,5x3.5,	
..2	C911	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C912	2301-000246	C-FILM,PEF;33nF,5%,100V,TP,7x5.0x9.5mm,5	
..2	C915	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C917	2202-000807	C-CERAMIC,MLC-AXIAL;22nF,+80-20%,25V,Y5V	
..2	CC01	2201-000247	C-CERAMIC,DISC;0.015nF,5%,50V,NP0,TP,5x3	
..2	CC02	2201-000258	C-CERAMIC,DISC;0.017nF,5%,50V,NP0,TP,5x3	
..2	CN501	AA39-20109B	LEAD CONNECTOR-ASSY;,8P,YBNH025-08,S,500	
..2	CN604	3711-002643	CONNECTOR-HEADER;BOX,4P,1R,2.5MM,STRAIGH	
..2	CN701	3711-002646	CONNECTOR-HEADER;BOX,7P,1R,2.5mm,STRAIGH	
⚠..2	CR401S	2306-000327	C-FILM,MPPF;6.3nF,3%,1.6KV,TP,28.5x18x10	
⚠..2	CR402S	2201-000639	C-CERAMIC,DISC;0.68nF,10%,2kV,Y5P,TP,9x5	
⚠..2	CR403S	2306-000004	C-FILM,MPPF;330nF,5%,250V,TP,20x18.5x10.	
..2	CS603	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
..2	CU10	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
⚠..2	CX801S	2306-000318	C-FILM,MPPF;220nF,20%,250V,TP,-,22.5mm	
⚠..2	CY801S	2201-000446	C-CERAMIC,DISC;3.3nF,20%,400V,Y5U,TP,15x	
..2	D101	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
..2	D102	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2	D201	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2	D202	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2	D209	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2	D210	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2	D301	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2	D401	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2	D402	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2	D403	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
..2	D404	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T	
..2	D405	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
..2	D407	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
..2	D501	0402-000254	DIODE-RECTIFIER;RGP10J,600V,1A,DO-41,TP	
..2	D502	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
..2	D503	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
..2	D504	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
..2	D601	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
⚠..2	D801S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2	D802	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5A,-,TP	
⚠..2	D802S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2	D803	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
⚠..2	D803S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
⚠..2	D804S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2	D805	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2	D806	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	

Loc. No.	Code No.	Description ; Specification	Remark
..2 D814	0404-001056	DIODE-SCHOTTKY;RK16,60V,1.5A,DO-204AC,TP	
..2 D855	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
..2 D856	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 D901	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D902	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 D903	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D905	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 D906	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D907	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D908	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 DU01	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2 DZ201	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
..2 DZ202	0403-000714	DIODE-ZENER;MTZJ3.3B,3.3V,3.32-3.53V,500	
..2 DZ203	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ204	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 DZ205	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO	
..2 DZ206	0403-000714	DIODE-ZENER;MTZJ3.3B,3.3V,3.32-3.53V,500	
..2 DZ207	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ208	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ301	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D	
..2 DZ302	0403-001039	DIODE-ZENER;MA2560,56V,52-60V,1W,DO-41,T	
..2 DZ303	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
..2 DZ501	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ502	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ503	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ504	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ601	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
..2 DZ602	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
..2 DZ603	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
..2 DZ606	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ607	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ608	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ802	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D	
..2 DZ806	0403-001318	DIODE-ZENER;MTZJ4.3B,4.17-4.43V,500mW,DO	
..2 DZ807	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ808	0403-000699	DIODE-ZENER;TZP27B,27V,27-30.8V,1W,DO-41	
..2 DZ901	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 DZ902	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 DZ904	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 DZ906	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 F801A	3602-000114	FUSE-HOLDER;-,-,30mohm	
..2 F801B	3602-000114	FUSE-HOLDER;-,-,30mohm	
⚠ ..2 FA801S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
⚠ ..2 FP801S	3601-000281	FUSE-CARTRIDGE;250V,4A,TIME-LAG,GLASS,5.	
⚠ ..2 IC201S	1204-001439	IC-VIDEO PROCESS;TDA8841,DIP,56P,-,PLAST	
..2 IC301	AA96-00193A	ASSY-H/S;-,DP,-,AA96-50345E,-	S.N.A
...3	AA96-50345E	ASSY-H/S;-,VERT,AA62-30174A,TDA8356/N6A	S.N.A
....4	AA62-30174A	HEAT SINK-PS;-,SPC,T1.0,-,33X20X50,-,FT-	
....4	AA61-10162A	BRACKET-IC;-,SBHG-1,T1.0,-,-,-,-	
....4	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
....4	1204-001541	IC-VERTICAL DEF.;TDA8356/N6A,SIP,9P,-,PL	
....4	0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
..2 IC501	AA96-00192A	ASSY-H/S;-,DP,-,AA96-50311A,-	S.N.A
...3	AA96-50311A	ASSY-H/S;-,VIDEO,AA62-30175D,TDA6107Q,-	S.N.A
....4	1201-001159	IC-VIDEO AMP;6107,ZSIP,9P,-,SINGLE,-,PLA	
....4	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
....4	AA62-30175D	HEAT SINK-PS;-,SECC,T1.0,-,33X15X30 FT-2	
..2 IC601	AA96-00201A	ASSY-H/S;-,DP,-,AA96-50397B,-	S.N.A
...3	AA96-50397A	ASSY-H/S;-,-,AA62-30180J,TDA7266S,-	
....4	0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	1201-001308	IC-POWER AMP;7266,ZIP,15P,-,DUAL,26dB,PL	
....4	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
....4	AA62-30180J	HEAT SINK-ES;-,A6063 EXTR,-,WHT,-,-,-,40	
⚠ ..2 IC801S	AA96-00294A	ASSY H/S;DP,-,-,-,AA96-00242A	S.N.A
...3	AA96-00242A	ASSY H/S;-,-,AA62-30186B,KA5Q0765R,-	S.N.A
....4	0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	1203-001932	IC-PWM CONTROLLER;5Q0765,TO-220F,5P,185M	
....4	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
....4	AA62-30186B	HEAT SINK-ES;-,-,-,SILVER,171J + COVER-H	
⚠ ..2 IC802	1203-001531	IC-POSI.FIXED REG.;7630,SIP,10P,-,PLASTI	
..2 IC901	AA13-00022A	IC-MCU;KS88C8316-16D,SSM-174PT,ST,16k	
..2 IC902	1103-001107	IC-EEPROM;C21DC,256x8Bit,DIP,8P,300MIL,-	
..2 JA701	3722-000162	JACK-PIN;2P,3.4mm,SN,BLK,-	
..2 L102	2701-001070	INDUCTOR-AXIAL;68UH,10%,4.2X9.8MM	
..2 L152	2701-000101	INDUCTOR-AXIAL;1.2uH,10%,2.5x3.4mm	
..2 L201	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
..2 L206	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	

Loc. No.	Code No.	Description ; Specification	Remark
..2 L301	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
..2 L302	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
..2 L303	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
..2 L304	2701-000159	INDUCTOR-AXIAL;22uH,10%,4.2x9.8mm	
..2 L305	2701-000116	INDUCTOR-AXIAL;10uH,10%,4.2x9.8mm	
..2 L402	2701-001032	INDUCTOR-AXIAL;100uH,10%,5x14mm	
..2 L601	2701-000158	INDUCTOR-AXIAL;22uH,10%,2.5x3.4mm	
..2 L802	3301-001223	CORE-FERRITE BEAD;AA,62ohm,3.5x0.8x5mm,-	
..2 L803	2901-000299	FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,	
..2 L804	3301-001223	CORE-FERRITE BEAD;AA,62ohm,3.5x0.8x5mm,-	
..2 L809	2901-000299	FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,	
..2 L810	2701-001032	INDUCTOR-AXIAL;100uH,10%,5x14mm	
..2 L811	2901-000299	FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,	
..2 L901	2701-000197	INDUCTOR-AXIAL;5.6uH,10%,2.5x3.4mm	
..2 L902	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
⚠ ..2 LC801S	AA27-20003X	COIL-DEGAUSSING;-,20,14.4ohm,48T,L2170,	
..2 LD901	AA96-30001C	ASSY-LED,GUIDE;-,AA61-50055A,DL-G7RA,-	S.N.A
⚠ ..2 LR401S	AA27-30001B	COIL-LINEARLITY;-,195uH,QIC1010,PI0.4,4.	
..2 LWU01	2701-000158	INDUCTOR-AXIAL;22uH,10%,2.5x3.4mm	
⚠ ..2 LX801S	AA29-30001D	FILTER-LINE NOISE;SQ1913,-,6.0MH,0.8A,-	
⚠ ..2 NT801S	1404-001045	THERMISTOR-NTC;4.7ohm,15%,2900K,35.0mW,T	
⚠ ..2 P803S	1404-001087	THERMISTOR-PTC;7ohm,30%,220V,270V,19A,-,	
⚠ ..2 PC801S	0604-001038	PHOTO-COUPLER;TR,130-260%,200mW,DIP-4,ST	
..2 Q151	0501-000436	TR-SMALL SIGNAL;KTC3197,NPN,625mW,TO-92,	
..2 Q201	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
..2 Q202	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
..2 Q205	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
..2 Q401	0502-001115	TR-POWER;KSC5386,NPN,50W,TO-3PF,ST,8-	
..2 Q402	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1000mW,TO-	
..2 Q601	0501-002183	TR-SMALL SIGNAL;KTC9014,NPN,625mW,TO-92,	
..2 Q801	1203-001217	IC-POSI.ADJUST REG.;431,TO-92,3P,4.58MIL	
..2 QC01	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
..2 QC02	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
..2 QU10	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1000mW,TO-	
..2 R101	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R102	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R103	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R104	2003-000502	R-METAL OXIDE(S);150ohm,5%,2W,AA,TP,4x12	
..2 R105	2003-000502	R-METAL OXIDE(S);150ohm,5%,2W,AA,TP,4x12	
..2 R106	2003-000664	R-METAL OXIDE(S);33ohm,5%,2W,AF,TP,4x12m	
..2 R152	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R153	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R154	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R155	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R156	2001-000666	R-CARBON;33OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R157	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R158	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R159	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R200	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R201	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R202	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R203	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R207	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R208	2001-000674	R-CARBON;360OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R209	2001-000016	R-CARBON(S);1OHM,5%,1/2W,AA,TP,2.4X6.4MM	
..2 R210	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R212	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R213	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R214	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R215	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R218	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R219	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R224	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R225	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R226	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R227	2001-000011	R-CARBON;75KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R230	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R231	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R232	2001-000356	R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R234	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R235	2001-000633	R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R236	2003-000634	R-METAL OXIDE(S);3.9Kohm,5%,1W,AA,TP,3.3	
..2 R237	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R240	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R243	2001-000343	R-CARBON;130OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R244	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R245	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	

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..2 R246	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R247	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R252	2004-001914	R-METAL;39Kohm,2%,1/8W,AA,TP,1.8x3.5mm	
..2 R258	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R262	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R301	2004-000869	R-METAL;3Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
..2 R302	2008-001033	R-FUSIBLE(S);10ohm,5%,2W,AF,TP,3.9x10mm	
..2 R303	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
..2 R305	2004-004087	R-METAL(S);1.5ohm,1%,1/2W,AA,TP,2.5x6.5m	
..2 R306	2008-000254	R-FUSIBLE(S);0.68ohm,5%,2W,AF,TP,3.9x10m	
..2 R307	2003-000652	R-METAL OXIDE(S);330ohm,5%,2W,AF,TP,4x12	
..2 R403	2001-001114	R-CARBON(S);2700HM,5%,1/2W,AA,TP,2.4X6.4	
..2 R404	2001-001136	R-CARBON(S);36OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2 R405	2003-002173	R-METAL OXIDE(S);7.5Kohm,5%,2W,AG,TP,3.9	
..2 R406	2003-000455	R-METAL OXIDE(S);100ohm,5%,2W,AA,TP,4x12	
..2 R407	2003-002193	R-METAL OXIDE(S);33Kohm,5%,2W,AG,TP,3.9X	
..2 R409	2008-000206	R-FUSIBLE(S);1ohm,5%,1/2W,AF,TP,2.5x6.5m	
..2 R410	2008-000204	R-FUSIBLE(S);0.22ohm,10%,1/2W,AF,TP,2.5x	
..2 R415	2003-002178	R-METAL OXIDE(S);1Kohm,5%,2W,AG,TP,3.9x1	
..2 R416	2001-000022	R-CARBON(S);33OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2 R417	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R419	2008-000264	R-FUSIBLE(S);1ohm,5%,1W,AF,TP,3.9x10mm	
..2 R420	2004-001377	R-METAL(S);120Kohm,1%,1/2W,AA,TP,2.4x6.4	
..2 R501H	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
..2 R502H	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
..2 R503	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
..2 R504	2001-001062	R-CARBON(S);10MOHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R505	2008-000264	R-FUSIBLE(S);1ohm,5%,1W,AF,TP,3.9x10mm	
..2 R510	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R511	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R512	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R601	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R602	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R603	2004-000195	R-METAL;100Kohm,1%,1/8W,AA,TP,1.8x3.2m	
..2 R604	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R606	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R607	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R701	2001-001187	R-CARBON(S);75OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2 R702	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
..2 R703	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R801	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA,TP,2.4X6.	
..2 R802	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
..2 R803	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
..2 R807	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
..2 R808	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA,TP,2.4X6.	
..2 R809	2008-000205	R-FUSIBLE(S);10ohm,5%,1/2W,AF,TP,2.5x6.5	
..2 R811	2001-001170	R-CARBON(S);6.8OHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R812	2008-000264	R-FUSIBLE(S);1ohm,5%,1W,AF,TP,3.9x10mm	
..2 R816	2001-001192	R-CARBON(S);8200HM,5%,1/2W,AA,TP,2.4X6.4	
..2 R817	2001-001170	R-CARBON(S);6.8OHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R819	2008-001049	R-FUSIBLE(S);3.9OHM,5%,2W,AF,TP,3.9X10MM	
..2 R819A	2008-001049	R-FUSIBLE(S);3.9OHM,5%,2W,AF,TP,3.9X10MM	
..2 R820	2001-000019	R-CARBON(S);10OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2 R821	2004-004089	R-METAL(S);123Kohm,1%,1/2W,AA,TP,2.5x6.5	
..2 R823	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R824	2004-001983	R-METAL(S);2.49Kohm,1%,1/2W,AA,TP,2.4x6.	
..2 R825	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R852	2004-001371	R-METAL(S);1.5Kohm,1%,1/2W,AA,TP,2.4x6.4	
..2 R853	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
..2 R854	2001-001125	R-CARBON(S);300KOHM,5%,1/2W,AA,TP,2.4X6.	
..2 R901	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R902	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R903	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R904	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R905	2001-000241	R-CARBON;1.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R906	2004-000187	R-METAL;10.5Kohm,1%,1/4W,AA,TP,2.4x6.4	
..2 R907	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R908	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R909	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R910	2001-000878	R-CARBON;6.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R911	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R913	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R914	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R915	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R916	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R917	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R918	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	

Loc. No.	Code No.	Description ; Specification	Remark
..2 R919	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R921	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R922	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R923	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R924	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R925	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R926	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R927	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R928	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R929	2001-000331	R-CARBON;12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R930	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R931	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R937	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R940	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R941	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R942	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R951	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R968	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R988	2001-000397	R-CARBON;180KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 RC01	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 RC02	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
⚠..2 RL801S	3501-001040	RELAY-POWER;12VDC,500mW,10A,1FormA,15mS,	
..2 RM901	AA59-60001U	MODULE-REMOCON;-,ORC-50VF/SR-12V,38KHz,9	
⚠..2 RR401S	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
..2 RS606	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 RU11	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 RU12	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 RU13	2001-000022	R-CARBON(S);33OHM,5%,1/2W,AA,TP,2.4X6.4M	
⚠..2 RX801S	2002-001013	R-COMPOSITION;4.7Mohm,5%,1/2W,AA,TP,3.7x	
⚠..2 RY801S	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x	
⚠..2 SF101S	2904-000286	FILTER-SAW AV;45.75MHz,SIP5K,ST,13dB,M/N	
⚠..2 SW801S	3403-000179	SWITCH-PUSH;250V,5A,DPST,-,JPW-2104B	
..2 SW901	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2 SW902	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2 SW903	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2 SW904	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2 SW905	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2 T401	AA26-50001B	TRANS-HORIZ.DRIVE;-,7.1mH,102uH,10-20uH,	
⚠..2 T444S	AA26-30001Y	TRANS-FLYBACK;-,FSV-20A001,20,125V	
⚠..2 T801S	AA26-00043A	TRANS SWITCHING;-,-,-,AC90~260V,125/12.5	
⚠..2 TU01S	AA40-10005Y	TUNER-F/S;TECC1970PG26A(S),NTSC/USA,TR,1	
⚠..2 V999S	3704-001105	SOCKET-CRT;11P,20PI,26.5PI,NI,-	
⚠..2 VX801S	1405-000152	VARISTOR;560V,2500A,14x8.5mm,TP	
..2 X203	2801-003298	CRYSTAL-UNIT;3.579545MHz,30ppm,28-AAM,20	
..2 X901	2801-000724	CRYSTAL-UNIT;6MHz,50ppm,28-AAM,20pF,40oh	
..2 XC01	2801-003300	CRYSTAL-UNIT;3.575611MHz,30ppm,28-AAM,20	
..2 XC02	2801-003299	CRYSTAL-UNIT;3.582056MHz,30ppm,28-AAM,20	
..2 Z201	2903-001022	FILTER-CERAMIC;BR,4.5MHz,-,-,-,TP,-	
..2 Z601	2903-000135	FILTER-CERAMIC;BP,4.5MHz,120KHz,6dB,-,TP	
..2	AA41-10955D	PCB-MAIN;K15B,1L,FR-1,330x245x1.6T,1A,-	S.N.A
..2	AA65-30109A	CLAMP-FBT;NYLON-66,V2,BLK,-,-,-	S.N.A
..2	AA65-30104C	CLAMP-WIRE;NYLON 66,V2,NTR,W1 Z4,ALL MOD	S.N.A
..2	AA65-30009A	CLAMP-FBT;ABS,V0,BLK,-,-,-	S.N.A

ASSY-PCB,A/V FRONT

1	*	AA97-01312A	ASSY-PCB,A/V FRONT;,14H3,K15B,NTSC,MONO	S.N.A
..2	CE01	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	CE02	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	CN701A	AA39-20070E	LEAD CONNECTOR-ASSY;,7P,YBNH025-07,67096	
..2	JE601	3722-000143	JACK-PHONE;1P(VER),3.4mm,AG,BLK,NO	
..2	JR01	3722-001282	JACK-RCA;2P(3P),3.2mm,AU,BLK,-	
..2	RE01	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	
..2	RE02	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	
..2		AA41-00227B	PCB-A/V;CT-20S4,FR-1,1L,B,1.6T,245X245	S.N.A
..2		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A

ASSY-PACKING,CKD

1	*	AA92-90001A	ASSY-PACKING,CKD;ALL MODEL	S.N.A
..2		AA69-60002A	WOODEN-BOX;WOOD,1060,800,480,45%,-	S.N.A

Loc. No.		Code No.	Description ; Specification	Remark
..2		AA69-60002B	WOODEN-BOX;WOOD,1060,560,400,45%,-	S.N.A
..2		AA69-60002C	WOODEN-BOX;WOOD,530,560,400,45%,-	S.N.A
..2		AA69-90001A	SILICAGEL;M2,5GR,-,-,-	S.N.A
..2		AA61-30009A	LOCKER-BAND,CLIP;-,SPC-1,-,-,18MM T0.5,-	S.N.A
..2		AA63-10007C	BAND-PP;-,-,-,W18,-,CLEAR,1G,-	S.N.A
..2		AA69-30010A	BAG-SHEET;LDPE,T0.08,W220,L300,-,-,-	S.N.A

ASSY-SUB,MATERIAL

1	*	AA97-00291A	ASSY-SUB,MATERIAL;TFK14400,K15B,ARGENTIN	S.N.A
..2		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A

ASSY-TBC,WIRE(P)

1	*	AA98-70031A	ASSY-TBC,WIRE(P);DP,20,AA98-70014B,1P,T	S.N.A

ASSY CABINET FRONT

1	*	AA92-00730B	ASSY CABINET FRONT;TK2009SC/TCE	S.N.A
..2	KC+CF	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
..2	SPK+CF	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
..2		AA64-01339B	WINDOW REMOCON;20H3,PC,VIOLET	
..2		AA64-01340B	INDICATOR LED;20H3,ACRYL	
..2		AA64-01831A	KNOB CONTROL;DP,20H3,G3676,64-01337B	
...3		AA64-01337B	KNOB CONTROL;20H3,ABS,G3676	
..2		AA64-01833B	CABINET FRONT;DP,20H3,64-01438G,HB	
...3		AA64-01438G	CABINET FRONT;20H3,SV808P EWN,HIPS,HB,G4	
..2		AA65-30105A	CLAMP-WIRE;NYLON 66,V2,NTR,15MM,ALL MODE	S.N.A
..2		AA64-01338B	KNOB POWER;20H3,ABS,G3676,NO-SILK	
..2		AA61-40113A	STOPPER-PCB;501H,HIPS,-,-,HB,NTR,-	
..2		AA61-60003J	SPRING-CS;-,SUS304,0.5,OD6,H12,N7,-,-,-	
..2		AA64-00475B	BADGE BRAND;20INCH,AL,-,-,50(25),SILVER,	S.N.A
..2		AA64-00738Q	INLAY AV;14H3,PS SHEET,BLK,K15B D/GRY W	S.N.A

ASSY CABINET(COM)

1	*	AA92-00729B	ASSY CABINET(COM);TK2009SC/TCE	S.N.A
..2	AV+CF	6006-001095	SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL)	
..2	BACK	AA60-00091K	SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.35,	S.N.A
..2	CB+CF	AA60-10050T	SCREW-TAPPING;-,SWRCH18A,M4,L20,RH,+,2S,	
..2	CB+RJ	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
..2		AA65-30107A	CLAMP-D,COIL;NYLON 66,V2,NTR,-,20~22 INC	
..2		AA65-30008A	CLAMP-CORD;PE,HB,BLK,-,-,-	
..2		AA64-01830C	CABINET BACK;DP,20H3,64-01439E,V2	
...3		AA64-01439E	CABINET BACK;20H3,HIPS,V2,G4309	
..2		AA60-10050R	SCREW-ASSY;-,SWRCH18A,M5,L31.5,HH,+,WC,-	

ASSY CRT

⚠1	*	AA97-00338B	ASSY CRT;AA03-10029X,0mG,A48KRD82X(H),B	S.N.A
..2		AA63-60028A	SPACER-DY;-,NEOPRENE,-,-,-,BLK,-,-,V0 W1	
..2		AA27-50004W	DEFLECTION-YOKE;-,DSE-1992LL(1H),PCL,A48	
..2		AA27-00002A	MAGNET-CONVERGENCE;-,JH291-SC-OB,29.1MM	
..2		AA03-10029X	CRT-COLOR;-,A48KRD82X(H),0mG,20,90deg,5	

ASSY SPEAKER

1	*	AA96-00676A	ASSY SPEAKER;,16OHM,5W,3001-000280,AA39-	S.N.A
..2		3001-000280	SPEAKER;5W,16ohm,90dB,150Hz	

Loc. No.		Code No.	Description ; Specification	Remark

ASSY-POWER,CORD

⚠1	*	AA96-70170A	ASSY-POWER,CORD;-,KKP419C,AP2/YES,H/C300	S.N.A
..2		AA39-10005Q	POWER-CORD;-,KKP-560N,H03VVH2-F,2.4m,3P,	
..2		AA61-20284A	HOLDER;-,P-CORD,PP,VO,BLK,KE-002	S.N.A

ASSY-ACCESSORY

1	*	AA97-00268A	ASSY-ACCESSORY;-,TFK14000,K15B,TELEFUNKE	S.N.A
..2		AA42-10001V	ANT-ROD;-,3S,620mm,BRN,UL/CSA	
..2		AA68-00410A	MANUAL-USERS;K15B,W/P100(G),-,SPA,TELEFU	
..2		AA26-90001C	TRANS-MATCHING;-,300ohm/75ohm,PAL,40-890	
..2		AA39-20505M	LEAD CONNECTOR-ASSY;,4P,YSH025-04,REC,35	

REMOCON

1	*	AA59-00021E	REMOCON;-,TM59,SSM174PT,27,L/GRAY,TELE	

7-3 TK2009STSC/TCE

ASSY PCB MAIN(COM)

Loc. No.		Code No.	Description ; Specification	Remark
1	*	AA97-00650F	ASSY PCB MAIN(COM);TK2009STSC/TCE,K15B,A	S.N.A
..2	C102	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	
..2	C104	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C108	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C110	2401-001363	C-AL;470uF,20%,16V,GP,TP,10x12.5,5	
..2	C151	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C153	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C201	2306-000122	C-FILM,MPPF;100nF,5%,50V,TP,7.3x4.0x5.0m	
..2	C202	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C203	2401-000660	C-AL;2.2uF,20%,50V,GP,TP,5x11,5	
..2	C204	2401-001333	C-AL;470nF,20%,50V,GP,TP,5x11,5	
..2	C205	2305-000411	C-FILM,MPEF;470nF,5%,50V,TP,7.3x4.8x5.5m	
..2	C206	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C207	2305-000196	C-FILM,MPEF;150nF,5%,63V,TP,-,5mm	
..2	C208	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
..2	C209	2202-000849	C-CERAMIC,MLC-AXIAL;18pF,5%,50V,CH,TP,3.	
..2	C210	2301-000445	C-FILM,PEF;4.7nF,5%,50V,TP,5.5x7x3mm,5mm	
..2	C211	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
..2	C212	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
..2	C213	2201-000258	C-CERAMIC,DISC;0.017nF,5%,50V,NP0,TP,5x3	
..2	C214	2301-000356	C-FILM,PEF;47nF,5%,50V,TP,7.5x4.0x6.5,5m	
..2	C215	2301-000383	C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm	
..2	C216	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C219	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C222	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C226	2301-000224	C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5	
..2	C227	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C228	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C229	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C232	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C238	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C239	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C240	2305-000665	C-FILM,MPEF;100nF,5%,63V,TP,7.5x4.0x5.0m	
..2	C247	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
..2	C248	2309-000138	C-FILM,PE-PPF;100nF,5%,50V,TP,20x16x8.5,	
..2	C249	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C250	2301-000224	C-FILM,PEF;22nF,5%,50V,TP,7.4x3.9x13mm,5	
..2	C251	2201-000483	C-CERAMIC,DISC;0.033nF,5%,50V,NP0,TP,5x3	
..2	C252	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
..2	C301	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
..2	C302	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
..2	C303	2401-003028	C-AL;100uF,20%,25V,WT,TP,6.3x11,5	
..2	C304	2401-000901	C-AL;22uF,20%,160V,GP,TP,10x20,5	
..2	C307	2305-000708	C-FILM,MPEF;150nF,5%,100V,TP,16.5x10.3x5	
..2	C308	2305-000470	C-FILM,MPEF;68nF,5%,100V,TP,-,5mm	
..2	C309	2305-000149	C-FILM,MPEF;100nF,5%,100V,TP,12x12.5x6.5	
..2	C310	2305-000285	C-FILM,MPEF;220NF,5%,100V,TP,10.5X5.5X15	
..2	C401	2201-000600	C-CERAMIC,DISC;0.56nF,10%,50V,Y5P,TP,5x3	
..2	C405	2301-001065	C-FILM,MPPF;47nF,5%,630V,TP,19x15.5x7,7.	
..2	C406	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP,5.	
..2	C407	2401-001661	C-AL;68uF,20%,100V,GP,TP,10x16,5	
..2	C408	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP,5.	
..2	C409	2401-001397	C-AL;470uF,20%,25V,GP,TP,10x16,5	
..2	C410	2301-000383	C-FILM,PEF;10nF,5%,50V,TP,6x7x3.2mm,5mm	
..2	C411	2201-000556	C-CERAMIC,DISC;0.47nF,10%,500V,Y5P,TP,5.	
..2	C412	2401-000927	C-AL;22uF,20%,250V,GP,TP,13x20,5	
..2	C413	2401-002267	C-AL;2.2uF,20%,250V,GP,TP,8x11.5,5	
..2	C419	2201-000639	C-CERAMIC,DISC;0.68nF,10%,2kV,Y5P,TP,9x5	
..2	C445	2305-000382	C-FILM,MPEF;4.7nF,5%,400V,TP,-,5mm	
..2	C501	2201-000192	C-CERAMIC,DISC;0.01nF,0.25pF,500V,NP0,TP	
..2	C502	2301-000213	C-FILM,PEF;220nF,5%,250V,TP,21.5x11,7.5	
..2	C503	2201-000723	C-CERAMIC,DISC;4.7nF,20%,3KV,Y5U,TP,16x5	
..2	C504	2401-001232	C-AL;4.7uF,20%,250V,GP,TP,10x12.5,5	
..2	C506	2401-000430	C-AL;10uF,20%,250V,GP,TP,10x16mm,5m	
..2	C601	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
..2	C602	2201-000292	C-CERAMIC,DISC;1nF,10%,50V,Y5P,TP,5x3.5,	
..2	C603	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C604	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	C605	2202-000279	C-CERAMIC,MLC-AXIAL;47pF,5%,50V,SL,TP,3.	
..2	C705	2202-000183	C-CERAMIC,MLC-AXIAL;2.2NF,20%,16V,Y5R,TP	
..2	C801	2401-002219	C-AL;220uF,20%,400V,GP,ST,25x40,10	
..2	C802	2201-000119	C-CERAMIC,DISC;100nF,+80-20%,50V,Y5V,TP,	
..2	C803	2301-001435	C-FILM,PPF;1.5nF,5%,1.2kV,TP,15x8x12.5mm	
..2	C805	2201-000991	C-CERAMIC,DISC;0.56nF,10%,2kV,Y5P,TP,7.5	
..2	C806	2401-000262	C-AL;100uF,20%,160V,HR,TP,16x25,7.5	
..2	C807	2201-000599	C-CERAMIC,DISC;0.56nF,10%,500V,Y5P,TP,5.	
..2	C808	2301-000016	C-FILM,PEF;22nF,5%,100V,TP,7.2x4.5x9.0mm	
..2	C809	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
..2	C810	2306-000122	C-FILM,MPPF;100nF,5%,50V,TP,7.3x4.0x5.0m	
..2	C811	2401-000318	C-AL;100uF,20%,25V,LZ,TP,8x11.5,5	
..2	C812	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C813	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C816	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C817	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	C820	2401-001998	C-AL;1000uF,20%,25V,GP,TP,10x20,5mm	
..2	C821	2401-001486	C-AL;47uF,20%,160V,HR,TP,13x20mm,5m	
..2	C822	2301-000192	C-FILM,PEF;1nF,5%,50V,TP,5.3x10mm,5mm	
..2	C823	2201-000370	C-CERAMIC,DISC;0.22nF,10%,50V,Y5P,TP,4x3	
..2	C851	2401-001192	C-AL;33uF,20%,50V,GP,TP,6.3x11,5	
..2	C852	2301-000235	C-FILM,PEF;3.9nF,5%,50V,TP,6.5x3.0x5.5mm	
..2	C901	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C902	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
..2	C903	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	C904	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
..2	C905	2401-001333	C-AL;470nF,20%,50V,GP,TP,5x11,5	
..2	C906	2201-000472	C-CERAMIC,DISC;0.33nF,5%,50V,SL,TP,8.5x3	
..2	C907	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
..2	C908	2201-000573	C-CERAMIC,DISC;0.047nF,5%,50V,NP0,TP,5x3	
..2	C909	2201-000193	C-CERAMIC,DISC;0.01nF,0.25pF,50V,NP0,TP,	
..2	C910	2301-000232	C-FILM,PEF;3.3nF,5%,50V,TP,8.1x4.5x13mm,	
..2	C911	2401-002144	C-AL;47uF,20%,16V,GP,TP,5x11,5	
..2	C912	2301-000246	C-FILM,PEF;33nF,5%,100V,TP,7x5.0x9.5mm,5	
..2	C915	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	C917	2202-000807	C-CERAMIC,MLC-AXIAL;22nF,+80-20%,25V,Y5V	
..2	C920	2401-000455	C-AL;10uF,20%,35V,GP,TP,4x7mm,5mm	
..2	C921	2202-000286	C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1.	
..2	CC01	2201-000247	C-CERAMIC,DISC;0.015nF,5%,50V,NP0,TP,5x3	
..2	CC02	2201-000258	C-CERAMIC,DISC;0.017nF,5%,50V,NP0,TP,5x3	
..2	CK01	2202-000127	C-CERAMIC,MLC-AXIAL;10nF,+80-20%,25V,Y5V	
..2	CK03	2401-001333	C-AL;470nF,20%,50V,GP,TP,5x11,5	
..2	CK04	2401-001333	C-AL;470nF,20%,50V,GP,TP,5x11,5	
..2	CK05	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	CK06	2202-000286	C-CERAMIC,MLC-AXIAL;56pF,5%,50V,SL,TP,1.	
..2	CN501	AA39-20109B	LEAD CONNECTOR-ASSY;,8P,YBNH025-08,S,500	
..2	CN604	3711-000963	CONNECTOR-HEADER;BOX,4P,1R,2.5mm,STRAIGH	
..2	CN704	3711-003641	CONNECTOR-HEADER;BOX,12P,1R,2.5mm,STRAIG	
..2	CP01	2202-000632	C-CERAMIC,MLC-AXIAL;100nF,20%,50V,Z5U,TP	
⚠..2	CR401S	2306-000327	C-FILM,MPPF;6.3nF,3%,1.6KV,TP,28.5x18x10	
⚠..2	CR402S	2201-000639	C-CERAMIC,DISC;0.68nF,10%,2kV,Y5P,TP,9x5	
⚠..2	CR403S	2306-000004	C-FILM,MPPF;330nF,5%,250V,TP,20x18.5x10.	
..2	CS601	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	CS602	2201-000292	C-CERAMIC,DISC;1nF,10%,50V,Y5P,TP,5x3.5,	
..2	CS603	2202-000796	C-CERAMIC,MLC-AXIAL;1NF,10%,50V,Y5P,TP,3	
..2	CS608	2202-000222	C-CERAMIC,MLC-AXIAL;3.3nF,20%,16V,Y5P,TP	
..2	CS609	2202-000222	C-CERAMIC,MLC-AXIAL;3.3nF,20%,16V,Y5P,TP	
..2	CU10	2401-000832	C-AL;220uF,20%,25V,GP,TP,8x11.5,5	
⚠..2	CX801S	2306-000318	C-FILM,MPPF;220nF,20%,250V,TP,-,22.5mm	
⚠..2	CY801S	2201-000446	C-CERAMIC,DISC;3.3nF,20%,400V,Y5U,TP,15x	
..2	D101	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
..2	D102	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2	D201	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2	D202	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2	D301	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2	D401	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2	D402	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2	D403	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
..2	D404	0402-000534	DIODE-RECTIFIER;RG10V,400V,1.2A,DO-201,T	
..2	D405	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
..2	D407	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
..2	D501	0402-000254	DIODE-RECTIFIER;RGP10J,600V,1A,DO-41,TP	
..2	D502	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
..2	D503	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	

Loc. No.	Code No.	Description ; Specification	Remark
..2 D504	0402-000546	DIODE-RECTIFIER;TVR10G,400V,1.0A,DO-41,T	
..2 D601	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
⚠ ..2 D801S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2 D802	0402-000540	DIODE-RECTIFIER;RU20A,600V,1.5A,-,TP	
⚠ ..2 D802S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2 D803	0402-001105	DIODE-RECTIFIER;ERB43-04SV1,400V,1.0A,-,	
⚠ ..2 D803S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
⚠ ..2 D804S	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2 D805	0402-001111	DIODE-RECTIFIER;1N5397GP,600V,1.5A,DO-20	
..2 D806	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D814	AA96-00111G	ASSY-H/S;-,-,AA62-30013L,FML-G02S,-	
...3	0402-000430	DIODE-RECTIFIER;FML-G02S,200V,3.0A,TO-22	
...3	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
...3	AA62-30013L	HEATSINK-ES;-,-,-,-,44/22,-,WHT,-,-,-,-	
..2 D855	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
..2 D856	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 D901	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D902	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 D903	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D905	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 D915	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D916	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 D917	0401-000005	DIODE-SWITCHING;1N4148,100V,200mA,DO-35,	
..2 DS602	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
..2 DS603	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
..2 DU01	0402-000132	DIODE-RECTIFIER;1N4004,400V,1A,DO-41,TP	
..2 DZ201	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
..2 DZ202	0403-000714	DIODE-ZENER;MTZJ3.3B,3.3V,3.32-3.53V,500	
..2 DZ203	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ204	2001-000812	R-CARBON;5.6KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 DZ205	0403-001319	DIODE-ZENER;MTZJ4.7C,4.68-4.93V,500mW,DO	
..2 DZ206	0403-000714	DIODE-ZENER;MTZJ3.3B,3.3V,3.32-3.53V,500	
..2 DZ208	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ301	0403-001328	DIODE-ZENER;MTZJ22A,20.15-21.20V,500mW,D	
..2 DZ302	0403-001039	DIODE-ZENER;MA2560,56V,52-60V,1W,DO-41,T	
..2 DZ303	0403-000700	DIODE-ZENER;TZP33A,33V,31-35V,1W,DO-41,T	
..2 DZ501	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ502	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ503	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ504	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ601	0403-001322	DIODE-ZENER;MTZJ8.2B,7.78-8.19V,500mW,DO	
..2 DZ602	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
..2 DZ603	0403-001325	DIODE-ZENER;MTZJ15C,14.35-15.09V,500mW,D	
..2 DZ606	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ607	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ608	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ610	0403-000720	DIODE-ZENER;MTZJ9.1B,9.1V,8.57-9.01V,500	
..2 DZ802	0403-001327	DIODE-ZENER;MTZJ18A,16.22-17.06V,500mW,D	
..2 DZ806	0403-001318	DIODE-ZENER;MTZJ4.3B,4.17-4.43V,500mW,DO	
..2 DZ807	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2 DZ808	0403-000699	DIODE-ZENER;TZP27B,27V,27-30.8V,1W,DO-41	
..2 DZ901	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 DZ902	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 DZ903	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 DZ904	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 DZ905	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 DZ906	0403-000508	DIODE-ZENER;MTZJ5.6B,5.6V,5.45-5.73V,500	
..2 F801A	3602-000114	FUSE-HOLDER;-,-,30mohm	
..2 F801B	3602-000114	FUSE-HOLDER;-,-,30mohm	
⚠ ..2 FA801S	3601-001086	FUSE-AXIAL LEAD;125V,5A,FAST-ACTING,GLAS	
⚠ ..2 FP801S	3601-000281	FUSE-CARTRIDGE;250V,4A,TIME-LAG,GLASS,5.	
⚠ ..2 IC201S	1204-001439	IC-VIDEO PROCESS;TDA8841,DIP,56P,-,PLAST	
..2 IC301	AA96-00193A	ASSY-H/S;-,DP,-,AA96-50345E,-	S.N.A
...3	AA96-50345E	ASSY-H/S;-,VERT,AA62-30174A,TDA8356/N6A	S.N.A
....4	AA62-30174A	HEAT SINK-PS;-,SPC,T1.0,-,33X20X50,-,FT-	
....4	AA61-10162A	BRACKET-IC;-,SBHG-1,T1.0,-,-,-,-	
....4	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
....4	1204-001541	IC-VERTICAL DEF.;TDA8356/N6A,SIP,9P,-,PL	
....4	0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
..2 IC501	AA96-00192A	ASSY-H/S;-,DP,-,AA96-50311A,-	S.N.A
...3	AA96-50311A	ASSY-H/S;-,VIDEO,AA62-30175D,TDA6107Q,-	S.N.A
....4	1201-001159	IC-VIDEO AMP;6107,ZSIP,9P,-,SINGLE,-,PLA	
....4	6003-000334	SCREW-TAPTITE;RH,+,2S,M3,L6,ZPC(YEL),SWR	
....4	AA62-30175D	HEAT SINK-PS;-,SECC,T1.0,-,33X15X30 FT-2	
..2 IC601	AA96-00201A	ASSY-H/S;-,DP,-,AA96-50397B,-	S.N.A
...3	AA96-50397A	ASSY-H/S;-,-,AA62-30180J,TDA7266S,-	
....4	0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	1201-001308	IC-POWER AMP;7266,ZIP,15P,-,DUAL,26dB,PL	
....4	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
....4	AA62-30180J	HEAT SINK-ES;-,A6063 EXTR,-,WHT,-,-,-,40	
⚠ ..2 IC801S	AA96-00294A	ASSY H/S;DP,-,-,-,AA96-00242A	S.N.A
...3	AA96-00242A	ASSY H/S;-,-,AA62-30186B,KA5Q0765R,-	S.N.A
....4	0205-000129	GREASE-SILICON;SC102,JAPAN	S.N.A
....4	1203-001932	IC-PWM CONTROLLER;5Q0765,TO-220F,5P,185M	
....4	6003-000333	SCREW-TAPTITE;RH,+,2S,M3,L10,ZPC(YEL),SW	
....4	AA62-30186B	HEAT SINK-ES;-,-,-,SILVER,171J + COVER-H	
⚠ ..2 IC802	1203-001531	IC-POSI.FIXED REG.;7630,SIP,10P,-,PLASTI	
..2 IC901	AA09-00087A	IC MICOM;Z9036512PSC-R50K5,CN503E,-,5V,	
..2 IC902	1103-001107	IC-EEPROM;C21DC,256x8Bit,DIP,8P,300MIL,-	
..2 ICK01	1204-000506	IC-IF DETECTOR;LA7510,SIP,9P,-,PLASTIC,1	
..2 JA701	3722-001453	JACK-RCA;3P,3.4mm,NI,BLK,-	
..2 L102	2701-001070	INDUCTOR-AXIAL;68UH,10%,4.2X9.8MM	
..2 L152	2701-000101	INDUCTOR-AXIAL;1.2uH,10%,2.5x3.4mm	
..2 L201	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
..2 L206	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
..2 L301	2701-000115	INDUCTOR-AXIAL;10uH,10%,3x7mm	
..2 L302	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
..2 L303	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
..2 L304	2701-000159	INDUCTOR-AXIAL;22uH,10%,4.2x9.8mm	
..2 L305	2701-000116	INDUCTOR-AXIAL;10uH,10%,4.2x9.8mm	
..2 L402	2701-001032	INDUCTOR-AXIAL;100uH,10%,5x14mm	
..2 L802	3301-001223	CORE-FERRITE BEAD;AA,62ohm,3.5x0.8x5mm,-	
..2 L803	2901-000299	FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,	
..2 L804	3301-001223	CORE-FERRITE BEAD;AA,62ohm,3.5x0.8x5mm,-	
..2 L809	2901-000299	FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,	
..2 L810	2701-001032	INDUCTOR-AXIAL;100uH,10%,5x14mm	
..2 L811	2901-000299	FILTER-EMI ON BOARD;-,6A,UL/CSA,-,9x7.5,	
..2 L901	2701-000197	INDUCTOR-AXIAL;5.6uH,10%,2.5x3.4mm	
..2 L902	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
⚠ ..2 LC801S	AA27-20003X	COIL-DEGAUSSING;-,20,14.4ohm,48T,L2170,	
..2 LD901	AA96-30001C	ASSY-LED,GUIDE;-,AA61-50055A,DL-G7RA,-	S.N.A
..2 LK01	2701-000114	INDUCTOR-AXIAL;10uH,10%,2.5x3.4mm	
⚠ ..2 LR401S	AA27-30001B	COIL-LINEARLITY;-,195uH,QIC1010,PI0.4,4.	
⚠ ..2 LX801S	AA29-30001D	FILTER-LINE NOISE;SQ1913,-,6.0MH,0.8A,-	
⚠ ..2 NT801S	1404-001045	THERMISTOR-NTC;4.7ohm,15%,2900K,35.0mW,T	
⚠ ..2 P803S	1404-001087	THERMISTOR-PTC;7ohm,30%,220V,270V,19A,-,	
⚠ ..2 PC801S	0604-001038	PHOTO-COUPLER;TR,130-260%,200mW,DIP-4,ST	
..2 Q151	0501-000436	TR-SMALL SIGNAL;KTC3197,NPN,625mW,TO-92,	
..2 Q205	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
..2 Q401	0502-001115	TR-POWER;KSC5386,NPN,50W,TO-3PF,ST,8-	
..2 Q402	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1000mW,TO-	
..2 Q601	0501-002183	TR-SMALL SIGNAL;KTC9014,NPN,625mW,TO-92,	
..2 Q801	1203-001217	IC-POSI.ADJUST REG.;431,TO-92,3P,4.58MIL	
..2 Q903	0501-000283	TR-SMALL SIGNAL;KSA539,PNP,400mW,TO-92,T	
..2 Q904	0504-000119	TR-DIGITAL;KSR1004,NPN,300MW,47K/47K,TO-	
..2 QC01	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
..2 QC02	0504-000123	TR-DIGITAL;KSR1010,NPN,300mW,10K,TO-92,T	
..2 QU10	0501-000369	TR-SMALL SIGNAL;KSC2331-Y,NPN,1000mW,TO-	
..2 R101	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R102	2001-000660	R-CARBON;33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R103	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R104	2003-000502	R-METAL OXIDE(S);150ohm,5%,2W,AA,TP,4x12	
..2 R105	2003-000502	R-METAL OXIDE(S);150ohm,5%,2W,AA,TP,4x12	
..2 R106	2003-000664	R-METAL OXIDE(S);33ohm,5%,2W,AF,TP,4x12m	
..2 R152	2001-000221	R-CARBON;1.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R153	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R154	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R155	2001-000362	R-CARBON;150OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R156	2001-000666	R-CARBON;33OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R157	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R158	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R159	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R201	2001-000005	R-CARBON;390ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R202	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R203	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R207	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R208	2001-000674	R-CARBON;360OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R209	2001-000016	R-CARBON(S);1OHM,5%,1/2W,AA,TP,2.4X6.4MM	
..2 R212	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R213	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R214	2001-000003	R-CARBON;330ohm,5%,1/8W,AA,TP,1.8x3.2mm	
..2 R218	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R219	2001-000008	R-CARBON;15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R224	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	

Loc. No.	Code No.	Description ; Specification	Remark
..2 R225	2001-000515	R-CARBON;220OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R226	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R227	2001-000011	R-CARBON;75KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R230	2001-000890	R-CARBON;6.8KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R231	2001-000563	R-CARBON;27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R232	2001-000356	R-CARBON;150KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R234	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R235	2001-000633	R-CARBON;30KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R236	2003-000634	R-METAL OXIDE(S);3.9Kohm,5%,1W,AA,TP,3.3	
..2 R237	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R243	2001-000343	R-CARBON;130OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R244	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R245	2001-000832	R-CARBON;510OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R246	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R247	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R252	2004-001914	R-METAL;39Kohm,2%,1/8W,AA,TP,1.8x3.5mm	
..2 R258	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R262	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R263	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R264	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R265	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R301	2004-000869	R-METAL;3Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
..2 R302	2008-001033	R-FUSIBLE(S);10ohm,5%,2W,AF,TP,3.9x10mm	
..2 R303	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
..2 R305	2004-004087	R-METAL(S);1.5ohm,1%,1/2W,AA,TP,2.5x6.5m	
..2 R306	2008-000254	R-FUSIBLE(S);0.68ohm,5%,2W,AF,TP,3.9x10m	
..2 R307	2003-000652	R-METAL OXIDE(S);330ohm,5%,2W,AF,TP,4x12	
..2 R403	2001-001114	R-CARBON(S);270OHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R404	2001-001136	R-CARBON(S);36OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2 R405	2003-002173	R-METAL OXIDE(S);7.5Kohm,5%,2W,AG,TP,3.9	
..2 R406	2003-000455	R-METAL OXIDE(S);100ohm,5%,2W,AA,TP,4x12	
..2 R407	2003-002193	R-METAL OXIDE(S);33Kohm,5%,2W,AG,TP,3.9X	
..2 R409	2008-000206	R-FUSIBLE(S);1ohm,5%,1/2W,AF,TP,2.5x6.5m	
..2 R410	2008-000204	R-FUSIBLE(S);0.22ohm,10%,1/2W,AF,TP,2.5x	
..2 R415	2003-002178	R-METAL OXIDE(S);1Kohm,5%,2W,AG,TP,3.9x1	
..2 R416	2001-000022	R-CARBON(S);33OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2 R417	2001-000028	R-CARBON(S);100OHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R419	2008-000264	R-FUSIBLE(S);1ohm,5%,1W,AF,TP,3.9x10mm	
..2 R420	2004-001377	R-METAL(S);120Kohm,1%,1/2W,AA,TP,2.4x6.4	
..2 R501H	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
..2 R502H	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
..2 R503	2002-001008	R-COMPOSITION;1.8Kohm,10%,1/2W,AA,TP,3.7	
..2 R504	2001-001062	R-CARBON(S);10MOHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R505	2008-000264	R-FUSIBLE(S);1ohm,5%,1W,AF,TP,3.9x10mm	
..2 R510	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R511	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R512	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R601	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R602	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R603	2004-000195	R-METAL;100Kohm,1%,1/8W,AA,TP,1.8x3.2m	
..2 R604	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R606	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R607	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R701	2001-001187	R-CARBON(S);75OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2 R702	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
..2 R801	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA,TP,2.4X6.	
..2 R802	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
..2 R803	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
..2 R807	2003-000994	R-METAL OXIDE(S);33Kohm,5%,2W,AF,TP,3.9x	
..2 R808	2001-001150	R-CARBON(S);470KOHM,5%,1/2W,AA,TP,2.4X6.	
..2 R809	2008-000205	R-FUSIBLE(S);10ohm,5%,1/2W,AF,TP,2.5x6.5	
..2 R810A	2008-000299	R-FUSIBLE(S);47ohm,5%,2W,AF,TP,3.9x10mm	
..2 R811	2001-001170	R-CARBON(S);6.8OHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R812	2008-000264	R-FUSIBLE(S);1ohm,5%,1W,AF,TP,3.9x10mm	
..2 R816	2001-001192	R-CARBON(S);820OHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R817	2001-001170	R-CARBON(S);6.8OHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R819	2008-000284	R-FUSIBLE(S);0.1OHM,10%,2W,AF,TP,3.9X10M	
..2 R819A	2008-000284	R-FUSIBLE(S);0.1OHM,10%,2W,AF,TP,3.9X10M	
..2 R820	2001-000019	R-CARBON(S);10OHM,5%,1/2W,AA,TP,2.4X6.4M	
..2 R821	2004-004089	R-METAL(S);123Kohm,1%,1/2W,AA,TP,2.5x6.5	
..2 R823	2001-000109	R-CARBON(S);470OHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R824	2004-001983	R-METAL(S);2.49Kohm,1%,1/2W,AA,TP,2.4x6.	
..2 R825	2001-001108	R-CARBON(S);22KOHM,5%,1/2W,AA,TP,2.4X6.4	
..2 R852	2004-001371	R-METAL(S);1.5Kohm,1%,1/2W,AA,TP,2.4x6.4	
..2 R853	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
..2 R854	2001-001125	R-CARBON(S);300KOHM,5%,1/2W,AA,TP,2.4X6.	
..2 R901	2001-000793	R-CARBON;47OHM,5%,1/8W,AA,TP,1.8X3.2MM	

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..2 R902	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R903	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R904	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R905	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R906	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R907	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R909	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R910	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R911	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R913	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R914	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R915	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R916	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R917	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R918	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R919	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R921	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R922	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R923	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R924	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R925	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R926	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R927	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R928	2001-000864	R-CARBON;56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R929	2001-000232	R-CARBON;1.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R930	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R931	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R937	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R938	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R940	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R941	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R942	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R951	2001-000723	R-CARBON;4.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R952	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R953	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R954	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R955	2001-000995	R-CARBON;820OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R956	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R957	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R958	2001-000006	R-CARBON;2.4KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R966	2001-000472	R-CARBON;2.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R967	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 R968	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 R988	2001-000508	R-CARBON;220KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 RC01	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 RC02	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
⚠..2 RL801S	3501-001040	RELAY-POWER;12VDC,500mW,10A,1FormA,15mS,	
..2 RM901	AA59-60001U	MODULE-REMOCON;-,ORC-50VF/SR-12V,38KHz,9	
..2 RP01	2001-000780	R-CARBON;470OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 RP02	2001-000924	R-CARBON;680OHM,5%,1/8W,AA,TP,1.8X3.2MM	
⚠..2 RR401S	2004-001390	R-METAL(S);1Kohm,2%,1/2W,AA,TP,2.4x6.4mm	
..2 RS601	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 RS602	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 RS604	2001-000449	R-CARBON;2.2KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 RS605	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 RS606	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 RS607	2001-000085	R-CARBON(S);100KOHM,5%,1/2W,AA,TP,2.4X6.	
..2 RU06	2001-000397	R-CARBON;180KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 RU07	2001-001062	R-CARBON(S);10MOHM,5%,1/2W,AA,TP,2.4X6.4	
..2 RU11	2001-000290	R-CARBON;10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2 RU12	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2 RU13	2001-000022	R-CARBON(S);33OHM,5%,1/2W,AA,TP,2.4X6.4M	
⚠..2 RX801S	2002-001013	R-COMPOSITION;4.7Mohm,5%,1/2W,AA,TP,3.7x	
⚠..2 RY801S	2002-001012	R-COMPOSITION;8.2Mohm,5%,1/2W,AA,TP,3.7x	
⚠..2 SF101S	2904-000287	FILTER-SAW AV;45.75MHz,SIP5K,ST,14dB,M/N	
..2 SFK01	2904-001255	FILTER-SAW AV;45.75MHz,SIP5K,ST,12.2dB,M	
⚠..2 SW801S	3403-000179	SWITCH-PUSH;250V,5A,DPST,-,JPW-2104B	
..2 SW901	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2 SW902	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2 SW903	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2 SW904	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2 SW905	3404-000244	SWITCH-TACT;15V,20mA,90-170gf,7.5x7mm,SP	
..2 T401	AA26-50001B	TRANS-HORIZ.DRIVE;-,7.1mH,102uH,10-20uH,	
⚠..2 T444S	AA26-30001Y	TRANS-FLYBACK;-,FSV-20A001,20,125V	
⚠..2 T801S	AA26-00043A	TRANS SWITCHING;-,-,-,AC90~260V,125/12.5	
⚠..2 TU01S	AA40-10005Y	TUNER-F/S;TECC1970PG26A(S),NTSC/USA,TR,1	
⚠..2 V999S	3704-001105	SOCKET-CRT;11P,20PI,26.5PI,NI,-	

Loc. No.		Code No.	Description ; Specification	Remark
⚠ ..2	VX801S	1405-000152	VARISTOR;560V,2500A,14x8.5mm,TP	
..2	X203	2801-003298	CRYSTAL-UNIT;3.579545MHz,30ppm,28-AAM,20	
..2	X901	2801-003224	CRYSTAL-UNIT;32.768KHZ,20PPM,28-AAY,12.5	
..2	XC01	2801-003300	CRYSTAL-UNIT;3.575611MHz,30ppm,28-AAM,20	
..2	XC02	2801-003299	CRYSTAL-UNIT;3.582056MHz,30ppm,28-AAM,20	
..2	Z201	2903-001022	FILTER-CERAMIC;BR,4.5MHz,-,-,-,TP,-	
..2	Z601	2903-000135	FILTER-CERAMIC;BP,4.5MHz,120KHz,6dB,-,TP	
..2		AA41-10955D	PCB-MAIN;K15B,1L,FR-1,330x245x1.6T,1A,-	S.N.A
..2		AA65-30009A	CLAMP-FBT;ABS,V0,BLK,-,-,-	S.N.A
..2		AA65-30104C	CLAMP-WIRE;NYLON 66,V2,NTR,W1 Z4,ALL MOD	S.N.A
..2		AA65-30109A	CLAMP-FBT;NYLON-66,V2,BLK,-,-,-	S.N.A

ASSY-PCB,SOUND

1	*	AA97-00453A	ASSY-PCB,SOUND;-,TFK20506,AG20806,K15B,-	S.N.A
..2	CA01	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	CA02	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	CA03	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	CA04	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	CA05	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	CA12	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
..2	CA13	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
..2	CA14	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
..2	CA15	2301-000289	C-FILM,PEF;5.6nF,5%,50V,TP,7x6x3,5	
..2	CA16	2301-000160	C-FILM,PEF;12nF,5%,50V,TP,11.0x6.0x9.0mm	
..2	CA17	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	CA18	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
..2	CA19	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	CA20	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
..2	CA21	2401-001840	C-AL;100uF,20%,16V,GP,TP,6.3x11,5	
..2	CA22	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
..2	CA23	2401-000027	C-AL;4.7uF,20%,50V,GP,TP,5x11,5	
..2	CA24	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
..2	CA25	2301-000204	C-FILM,PEF;2.7nF,5%,50V,TP,7.4x3.9x13mm,	
..2	CA26	2301-000356	C-FILM,PEF;47nF,5%,50V,TP,7.5x4.0x6.5,5m	
..2	CA27	2401-001026	C-AL;3.3UF,20%,50V,GP,TP,5X11,5	
..2	CA28	2401-000603	C-AL;1uF,20%,50V,GP,TP,5x11,5	
..2	CA29	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
..2	CA30	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	CA31	2401-001989	C-AL;4.7uF,20%,50V,BP,TP,5x11,5	
..2	CNA01	3711-002702	CONNECTOR-HEADER;NOWALL,4P,1R,2.5mm,ANGL	
..2	CNA02	3711-002703	CONNECTOR-HEADER;NOWALL,5P,1R,2.5mm,ANGL	
..2	CNA03	AA61-10068A	BRACKET-PCB;M2160,SPTE,T0.3,-,-,-,-	S.N.A
..2	DA01	0403-001211	DIODE-ZENER;MTZJ12B,11.44-12.03V,500MW,D	
..2	ICA01	1209-001116	IC-ETC, LINEAR;CXA2104S,DIP,30P,-,PLASTI	
..2	ICA02	1204-001454	IC-VOLUME CONTROL;TDA7449L,DIP,20P,300MI	
..2	QA01	0501-000389	TR-SMALL SIGNAL;KSC815,NPN,400mW,TO-92,T	
..2	RA01	2001-000429	R-CARBON;1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RA07	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RA08	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RA09	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RA10	2001-000577	R-CARBON;2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RA11	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	RA12	2001-000947	R-CARBON;7.5KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	RA13	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RA14	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RA15	2001-000435	R-CARBON;1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RA16	2001-000273	R-CARBON;100KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	RA19	2001-000281	R-CARBON;100OHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RA20	2004-004970	R-METAL(S);62Kohm,1%,1/8W,AA,TP,1.8x3.2m	
..2	RA21	2001-000591	R-CARBON;3.3KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2	RA22	2001-000007	R-CARBON;3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
..2	RA23	2001-000613	R-CARBON;3.9KOHM,5%,1/8W,AA,TP,1.8X3.2M	
..2		AA41-00072A	PCB-STEREO MODULE;K15A,1L,FR-1,245X245X1	

ASSY-PCB,A/V FRONT

1	*	AA97-01336A	ASSY-PCB,A/V FRONT;,20H3,K15B,NTSC,STERE	S.N.A
..2	CE01	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	CE02	2401-000480	C-AL;10uF,20%,50V,GP,TP,5x11,5	
..2	CN705A	AA39-20071D	LEAD CONNECTOR-ASSY;,12P,YBNH025-12,6709	
..2	JE601	3722-000143	JACK-PHONE;1P(VER),3.4mm,AG,BLK,NO	
..2	JR01	3722-001031	JACK-RCA;3P,3.6MM,#18,AU	
..2	RE01	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	
..2	RE02	2001-001077	R-CARBON(S);150OHM,5%,1/2W,AA,TP,2.4X6.4	
..2		AA41-00227B	PCB-A/V;CT-20S4,FR-1,1L,B,1.6T,245X245	S.N.A
..2		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A

ASSY-PACKING,CKD

1	*	AA92-90001A	ASSY-PACKING,CKD;ALL MODEL	S.N.A
..2		AA69-60002A	WOODEN-BOX;WOOD,1060,800,480,45%,-	S.N.A
..2		AA69-60002B	WOODEN-BOX;WOOD,1060,560,400,45%,-	S.N.A
..2		AA69-60002C	WOODEN-BOX;WOOD,530,560,400,45%,-	S.N.A
..2		AA69-90001A	SILICAGEL;M2,5GR,-,-,-	S.N.A
..2		AA61-30009A	LOCKER-BAND,CLIP;-,SPC-1,-,-,18MM T0.5,-	S.N.A
..2		AA63-10007C	BAND-PP;-,-,-,W18,-,CLEAR,1G,-	S.N.A
..2		AA69-30010A	BAG-SHEET;LDPE,T0.08,W220,L300,-,-,-	S.N.A

ASSY-SUB,MATERIAL

1	*	AA97-00291A	ASSY-SUB,MATERIAL;TFK14400,K15B,ARGENTIN	S.N.A
..2		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A

ASSY-TBC,WIRE(P)

1	*	AA98-70031A	ASSY-TBC,WIRE(P);DP,20,AA98-70014B,1P,T	S.N.A

ASSY CABINET(COM)

1	*	AA92-00729C	ASSY CABINET(COM);TK2009STSC/TCE	S.N.A
..2	AV+CF	6006-001095	SCREW-ASS'Y TAPT;WP,BH,+,M4,L12,ZPC(YEL)	
..2	BACK	AA60-00091K	SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.35,	S.N.A
..2	CB+CF	AA60-10050T	SCREW-TAPPING;-,SWRCH18A,M4,L20,RH,+,2S,	
..2	CB+RJ	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
..2		AA65-30107A	CLAMP-D,COIL;NYLON 66,V2,NTR,-,20~22 INC	
..2		AA65-30008A	CLAMP-CORD;PE,HB,BLK,-,-,-	
..2		AA64-60385G	INLAY BACK;3E,K15A-1 3PIN S/T,PS SHEET,T	S.N.A
..2		AA64-01830C	CABINET BACK;DP,20H3,64-01439E,V2	
...3		AA64-01439E	CABINET BACK;20H3,HIPS,V2,G4309	
..2		AA60-10050R	SCREW-ASSY;-,SWRCH18A,M5,L31.5,HH,+,WC,-	

ASSY CABINET FRONT

1	*	AA92-00730C	ASSY CABINET FRONT;TK2009STSC/TCE	S.N.A
..2	KC+CF	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
..2	SPK+CF	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	
..2		AA64-01339B	WINDOW REMOCON;20H3,PC,VIOLET	
..2		AA64-01340B	INDICATOR LED;20H3,ACRYL	
..2		AA64-01831A	KNOB CONTROL;DP,20H3,G3676,64-01337B	
...3		AA64-01337B	KNOB CONTROL;20H3,ABS,G3676	
..2		AA64-01833C	CABINET FRONT;DP,20H3,64-01438H,HB	
...3		AA64-01438H	CABINET FRONT;20H3,SV808P EWS,HIPS,HB,G4	
..2		AA65-30105A	CLAMP-WIRE;NYLON 66,V2,NTR,15MM,ALL MODE	S.N.A
..2		AA64-01338B	KNOB POWER;20H3,ABS,G3676,NO-SILK	
..2		AA61-40113A	STOPPER-PCB;501H,HIPS,-,-,HB,NTR,-	
..2		AA61-60003J	SPRING-CS;-,SUS304,0.5,OD6,H12,N7,-,-,-	
..2		AA64-00475B	BADGE BRAND;20INCH,AL,-,-,50(25),SILVER,	S.N.A
..2		AA64-00738R	INLAY AV;14H3,PS SHEET,BLK,K15B S/T D/G	S.N.A

ASSY SPEAKER

1	*	AA96-00675A	ASSY SPEAKER;,8OHM,5W,3001-000274,AA39-2	S.N.A

Loc. No.		Code No.	Description ; Specification	Remark
..2		3001-000274	SPEAKER;5W,8ohm,90dB,160Hz	
..2		AA39-20505M	LEAD CONNECTOR-ASSY;,4P,YSH025-04,REC,35	

ASSY CRT

⚠ 1	*	AA97-00338B	ASSY CRT;AA03-10029X,0mG,A48KRD82X(H),B	S.N.A
..2		AA63-60028A	SPACER-DY;-,NEOPRENE,-,-,-,BLK,-,-,V0 W1	
..2		AA27-50004W	DEFLECTION-YOKE;-,DSE-1992LL(1H),PCL,A48	
..2		AA27-00002A	MAGNET-CONVERGENCE;-,JH291-SC-OB,29.1MM	
..2		AA03-10029X	CRT-COLOR;-,A48KRD82X(H),0mG,20,90deg,5	

ASSY-POWER,CORD

⚠ 1	*	AA96-70170A	ASSY-POWER,CORD;-,KKP419C,AP2/YES,H/C300	S.N.A
..2		AA39-10005Q	POWER-CORD;-,KKP-560N,H03VVH2-F,2.4m,3P,	
..2		AA61-20284A	HOLDER;-,P-CORD,PP,VO,BLK,KE-002	S.N.A

ASSY-ACCESSORY

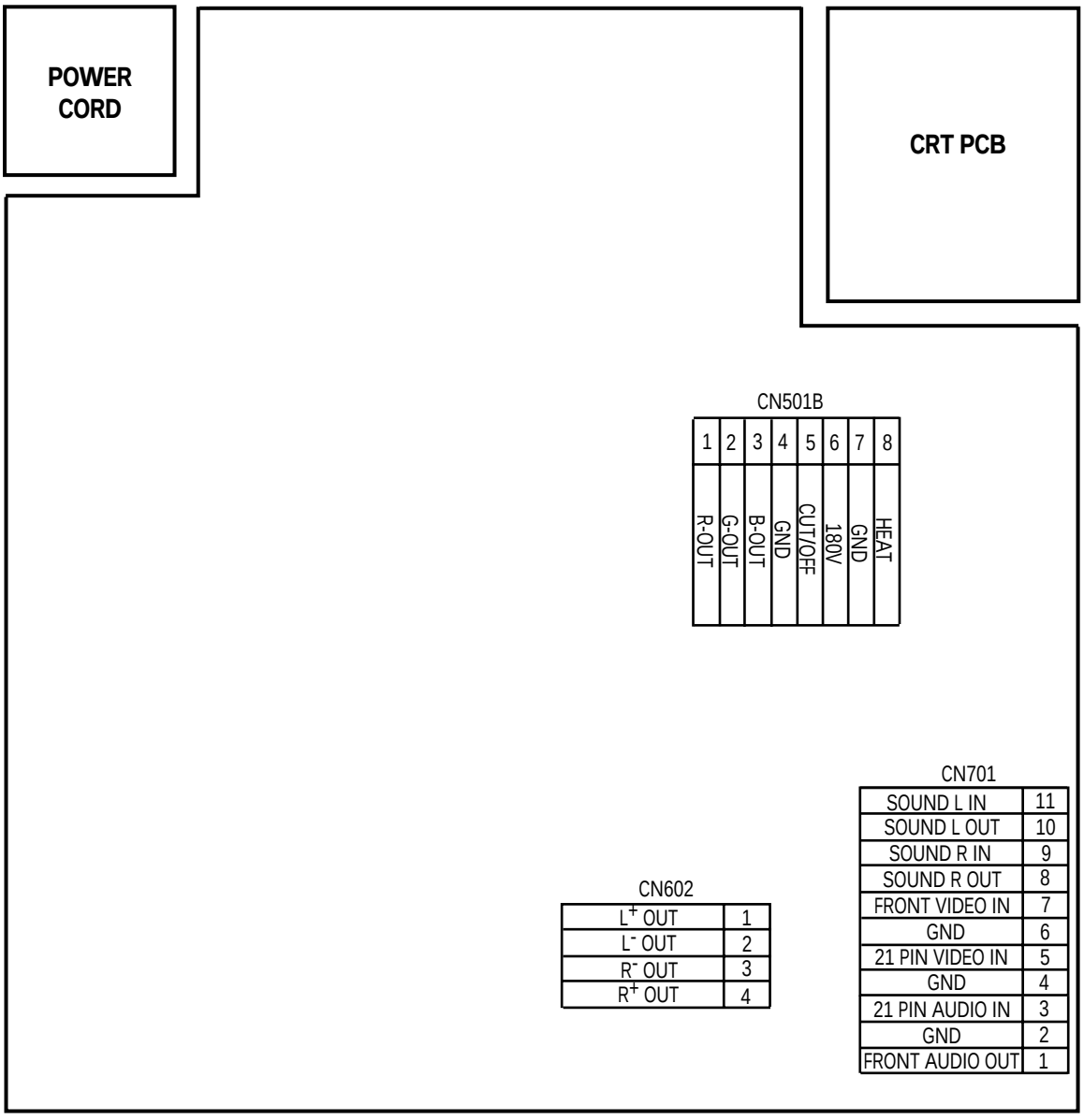
1	*	AA97-00433A	ASSY-ACCESSORY;-,TFK20506C/TCE,K15B,ARGE	S.N.A
..2		AA42-10001V	ANT-ROD;-,3S,620mm,BRN,UL/CSA	
..2		AA68-00552A	MANUAL-USERS;K15B TELEFUNKEN,W/P100(G),-	
..2		AA26-90001C	TRANS-MATCHING;-,300ohm/75ohm,PAL,40-890	

REMOCON

1	*	AA59-00021L	REMOCON;-,TM59,SSM174PT,28,L/GRAY,TELE	

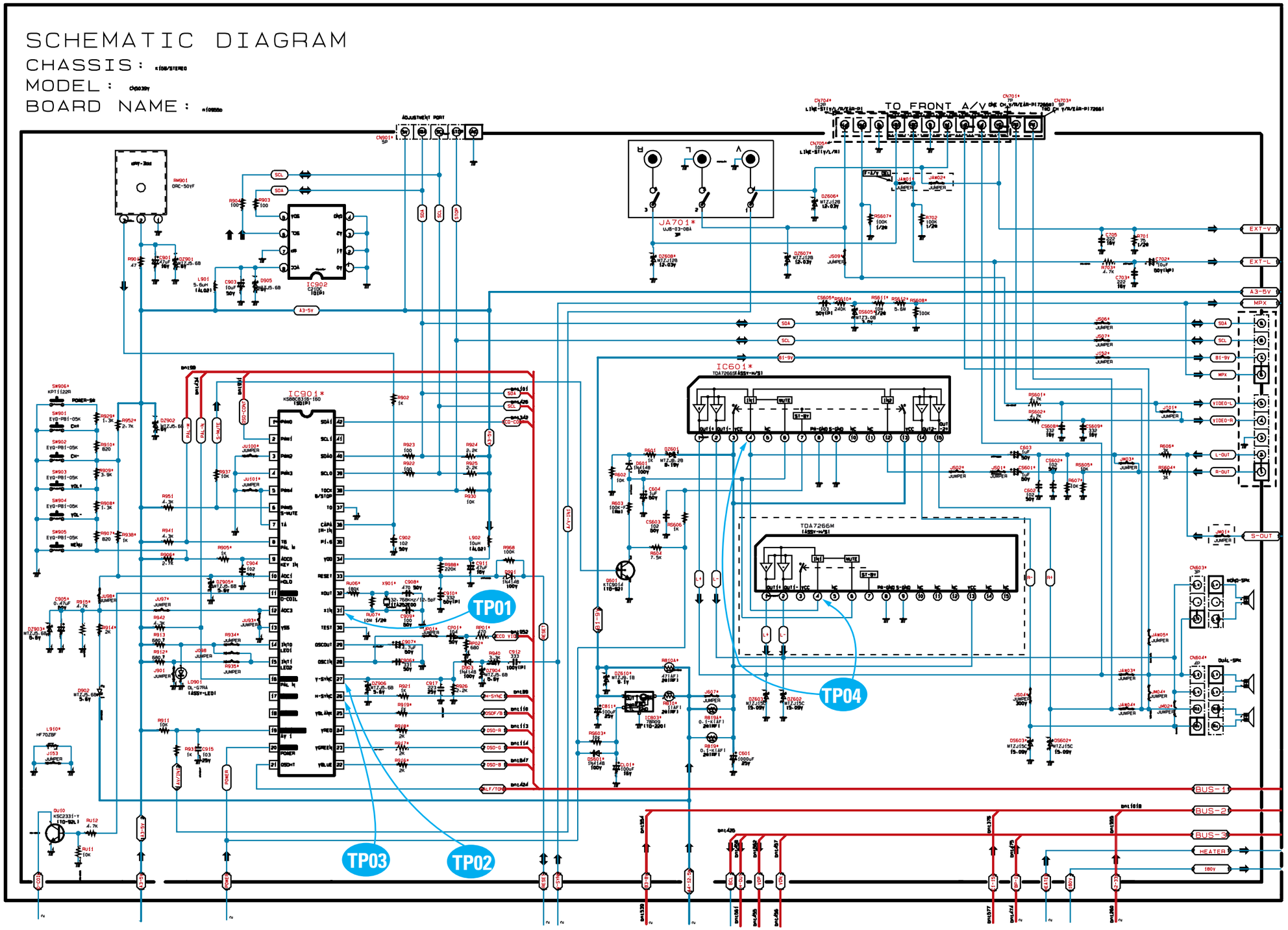
MEMO

10. Wiring Diagram

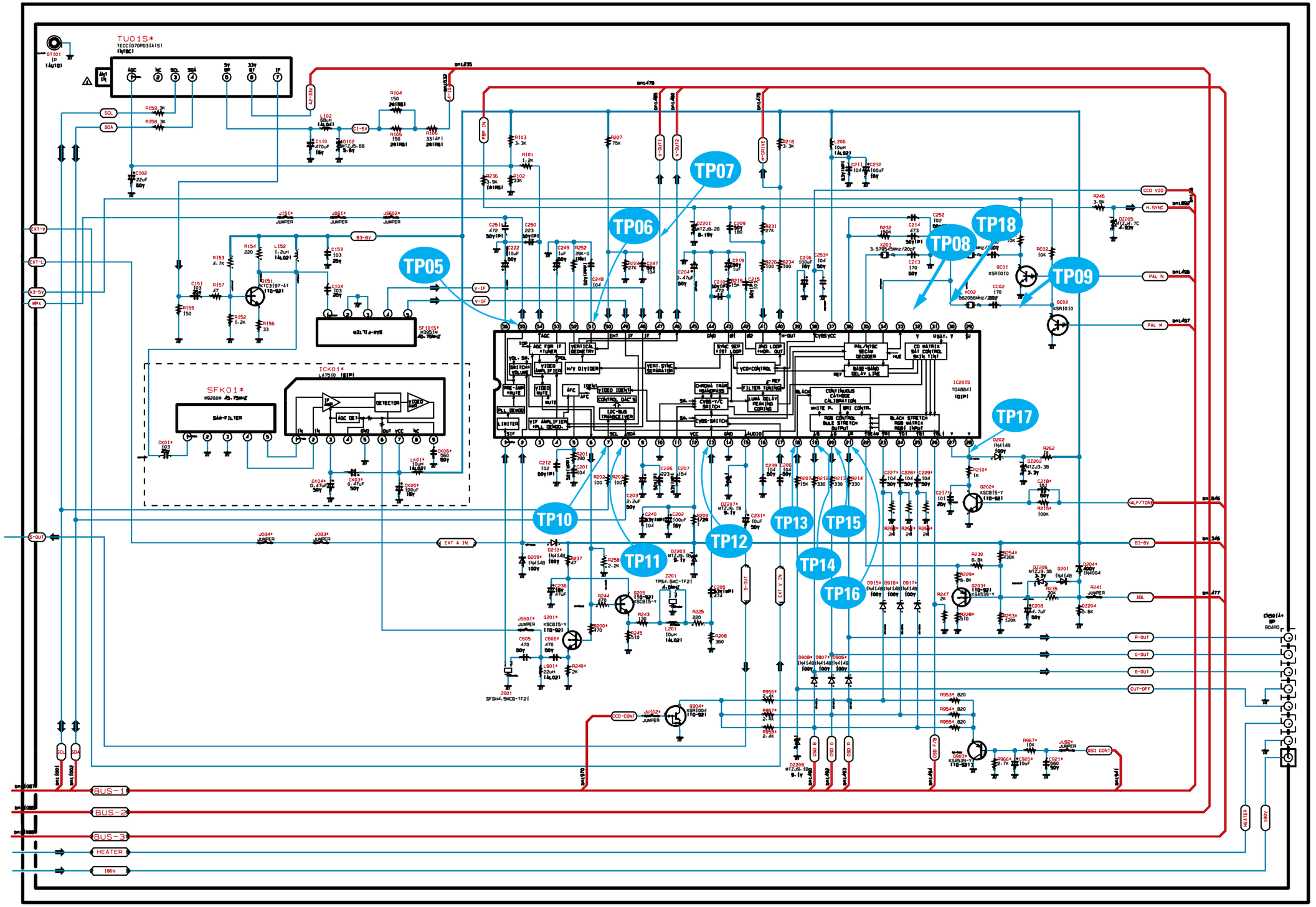


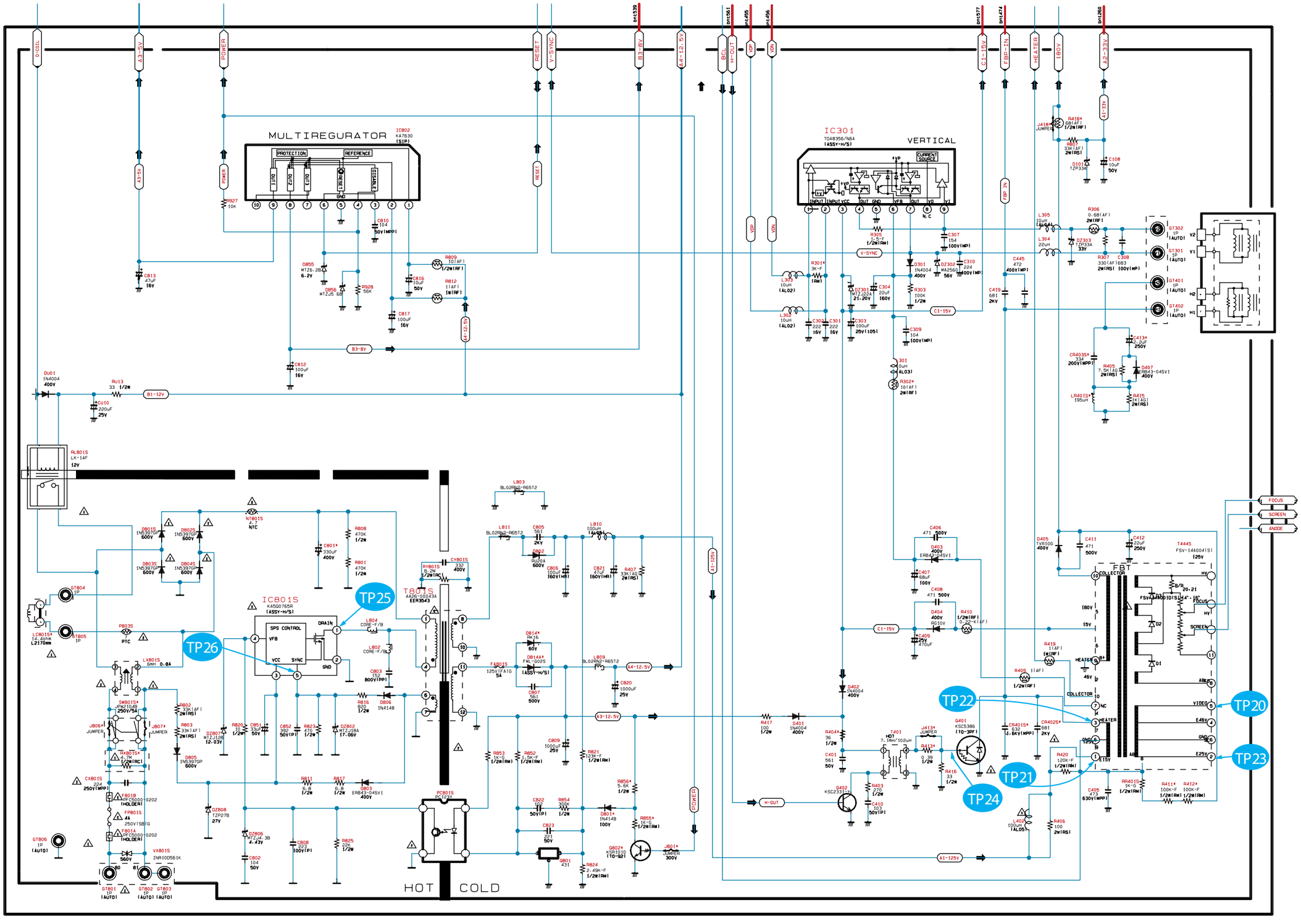
11. Schematic Diagrams

11-1 MAIN 1/4

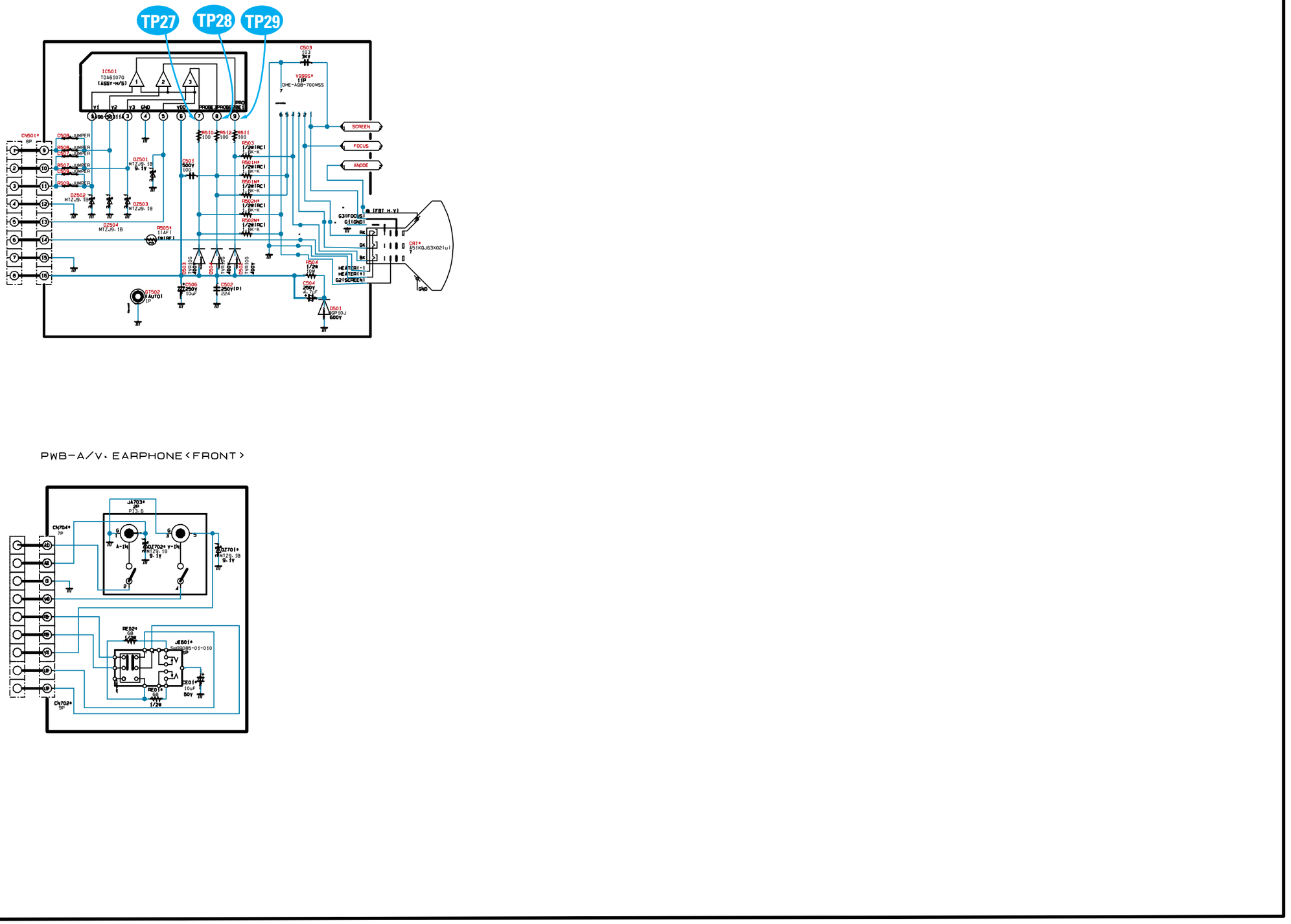


11-2 MAIN 2/4


TU01S*
TP05
TP06
TP07
TP08
TP09
TP10
TP11
TP12
TP13
TP14
TP15
TP16
TP17
TP18
IC201S
TDA8841
(DIP)
ICK01*
SFK01*
SF1015*
Z601
SF944.5MCB-TF21
Z201
TPS4.5MC-TF21
BUS-1
BUS-2
BUS-3
HEATER
180V
SCL
SDA
EXT-Y
EXT-C
+5V
+3.3V
MPX
B-OUT
EXT A IN
CCD VID
H.SYNC
PAL N
PAL M
ALF/TONE
B3-BY
ABL
R-OUT
G-OUT
B-OUT
CUT-OFF
OSD CONT
CCD-CONT
V-IF
FBP IN
V-OUT1
V-OUT2
H-DRIVE
S-DET
EXT A IN
OSD R
OSD G
OSD B
OSD F/B

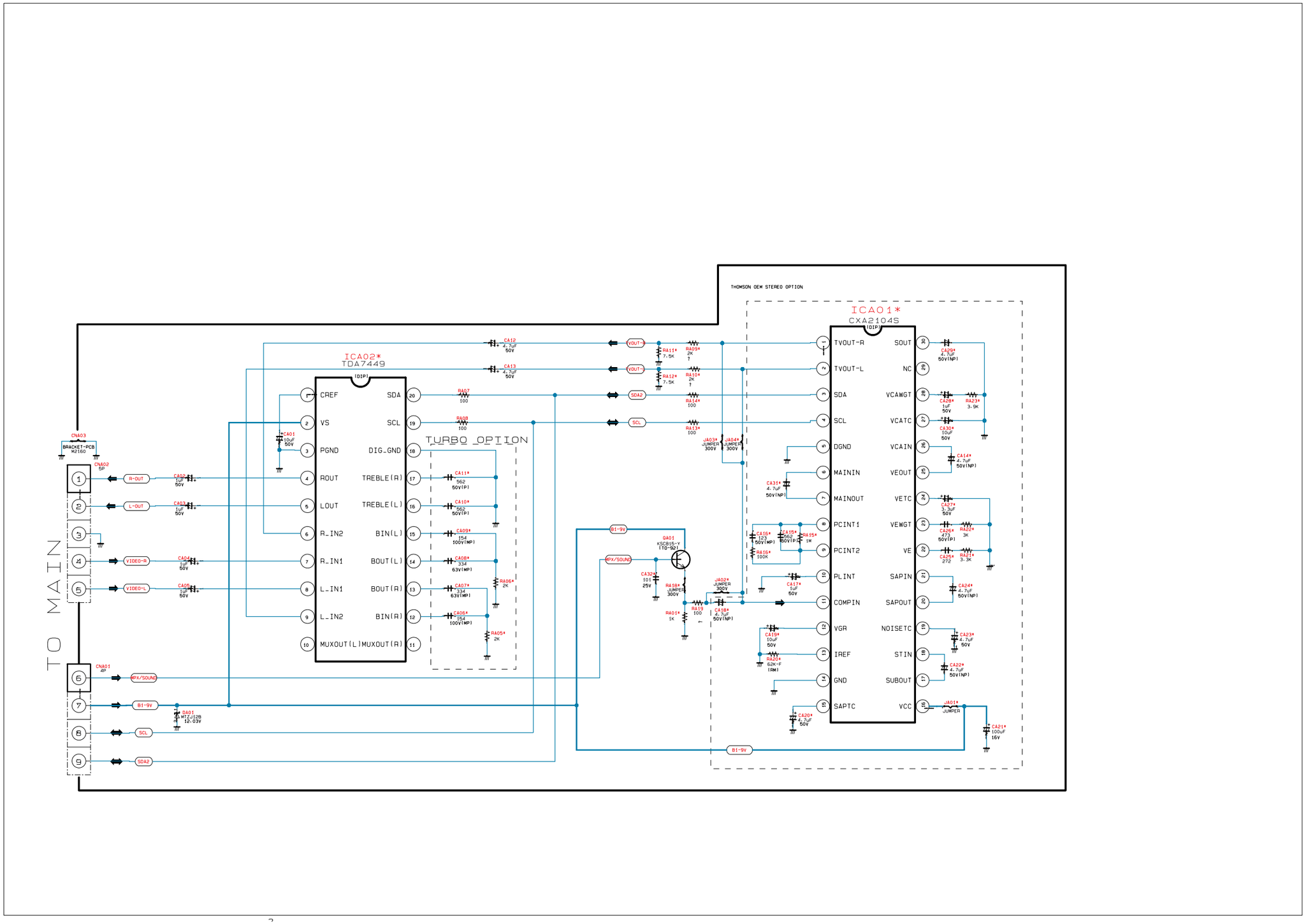

MULTIREGURATOR
IC802
KA7630
(S1P)
PROTECTION
REFERENCE
IC301
TDA8356/N6A
(ASSY-H/S)
VERTICAL
CURRENT SOURCE
IC801S
KA5007ER
(ASSY-H/S)
SMPS CONTROL
T801S
A426-00043A
EER3543
TP20
TP21
TP22
TP23
TP24
TP25
TP26
HOT
COLD
FBT
FOCUS
SCREEN
ANODE
D-CONL
A3-5V
POWER
RESET
V-SYNC
B3-8V
A4-12.5V
BCL
H-OUT
VDP
VDR
C1-15V
FBP-IN
HEATER
18SV
A2-33V
A1-125V
B1-12V
V-SYNC
H-OUT
C1-15V
A4-12.5V
A3-12.5V
B3-8V
A1-125V
FOCUS
SCREEN
ANODE

11-4 MAIN 4/4



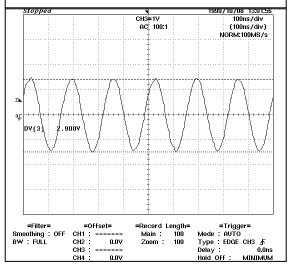
PWB-A/V. EARPHONE <FRONT>

11-5 STEREO


THOMSON OEM STEREO OPTION
TO MAIN
TURBO_OPTION
ICA02*
TDA7449
(DIP)
CREF
VS
PGND
ROUT
LOUT
R_IN2
R_IN1
L_IN1
L_IN2
MUXOUT(L)
SDA
SCL
DIG_GND
TREBLE(R)
TREBLE(L)
BIN(L)
BOUT(L)
BOUT(R)
BIN(R)
MUXOUT(R)
ICA01*
CXA2104S
(DIP)
TVOUT-R
TVOUT-L
SDA
SCL
DGND
MAININ
MAINOUT
PCINT1
PCINT2
PLINT
COMPIN
VGR
IREF
GND
SAPTC
SOUT
NC
VCAWGT
VCATC
VCAIN
VEOUT
VETC
VEWGT
VE
SAPIN
SAPOUT
NOISETC
STIN
SUBOUT
VCC
CNA03
BRACKET-PCB
M2160
CNA02
5P
CNA01
4P
R-OUT
L-OUT
VIDEO-R
VIDEO-L
MPX/SOUND
B1-9V
SCL
SDA2
DA01
MTZJ12B
12.03V
QA01
KSC815-Y
(TO-92)

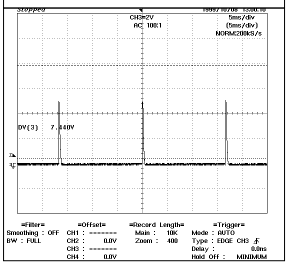
12. K15B Waveforms

TP01



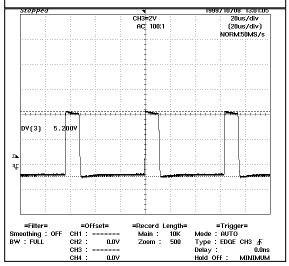
MICOM #31
X-TAL IN
2.9Vpp

TP02



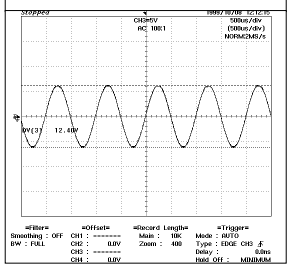
MICOM #27
Vertical SYNC
5Vpp

TP03



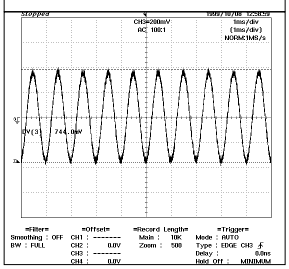
MICOM #26
Horizontal SYNC
5Vpp

TP04



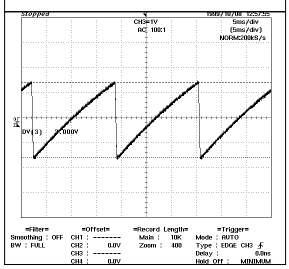
Sound-Amp IC #4
Variable 0 ~ 12 Vpp

TP05



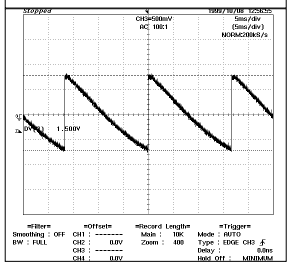
IC201 #55
Audio deemphasis
700mVpp

TP06



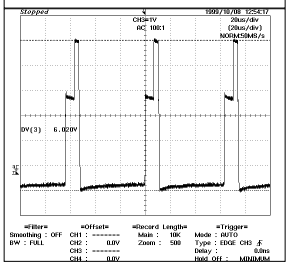
IC201 #51
Vertical sawtooth capacitor
3Vpp

TP07



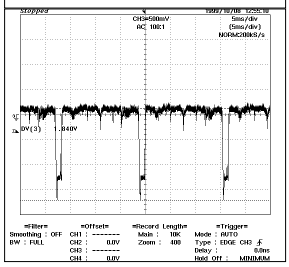
IC201 #47
Vertical drive output
1.5Vpp

TP08



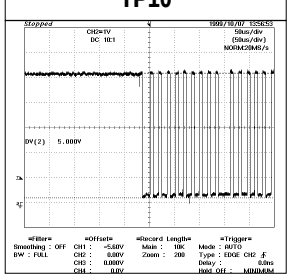
IC201 #41
Flyback input
6Vpp

TP9



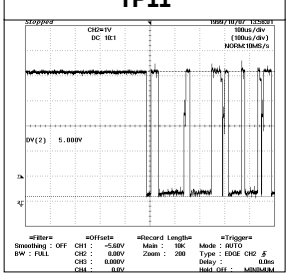
IC201 #38
CVBS-1 output
1.8Vpp

TP10



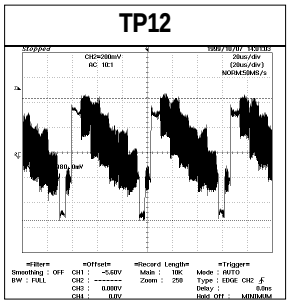
IC201 #7
Serial clock
5Vpp

TP11

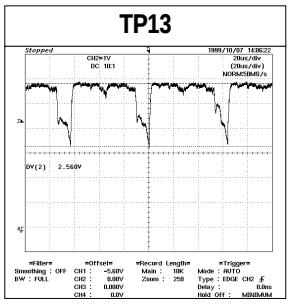


IC201 #8
Serial data input/output
5Vpp

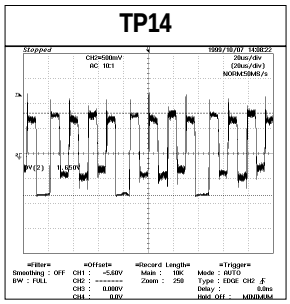
TP12



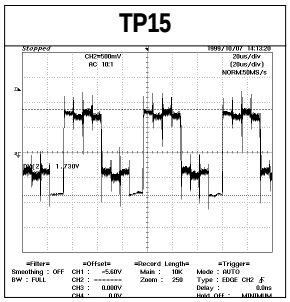
IC201 #13
Internal CVBS input
1Vpp



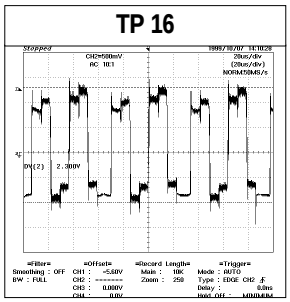
IC201 #18
Black-current input
2.5Vpp



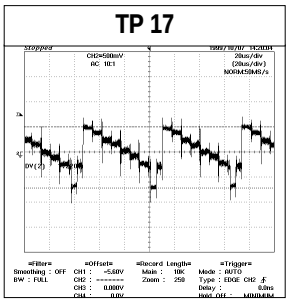
IC201 #19
Blue output
1.6Vpp



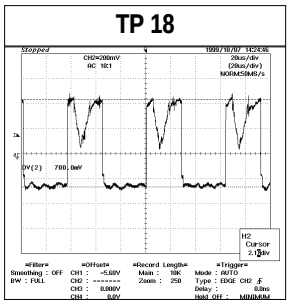
IC201 #20
Green output
1.7Vpp



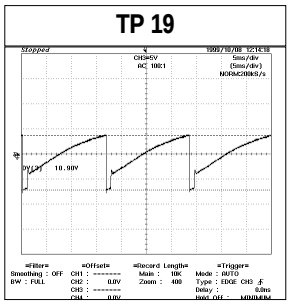
IC201 #21
Red output
1.8Vpp



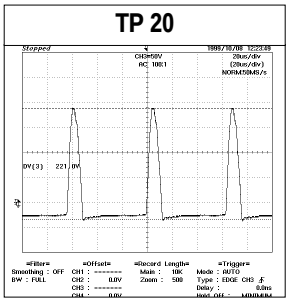
IC201 #28
Luminance output
1.2Vpp



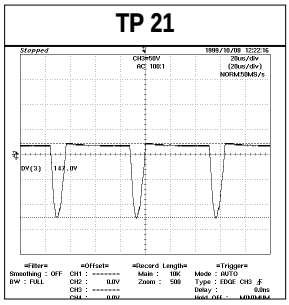
IC201 #40
Horizontal output
700mVpp



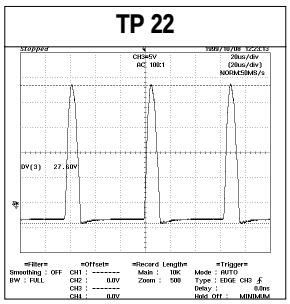
Vertical IC #4(out)
11Vpp



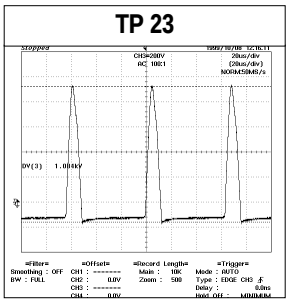
FBT (180V)
220Vpp



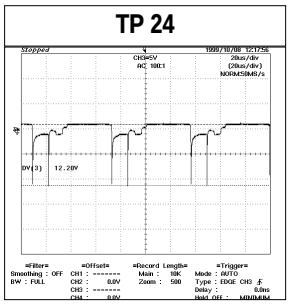
FBP (15V)
145Vpp



FBT(heater)
28Vpp

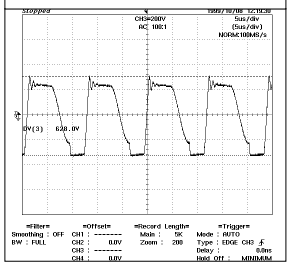


Horizontal TR(collector)
1KVpp



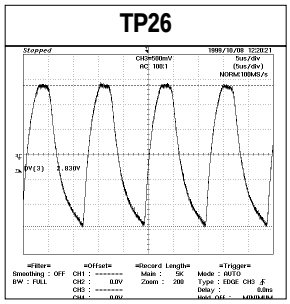
Horizontal TR(base)
12Vpp

TP25



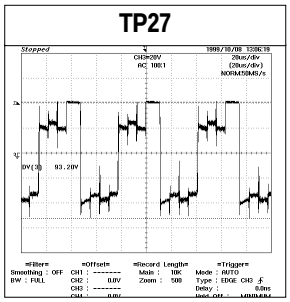
SMPS IC #1(Drain)
630Vpp

TP26



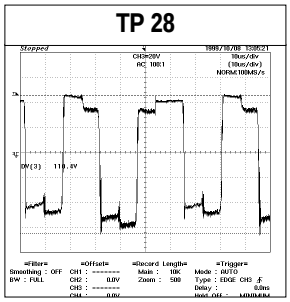
SMPS IC #5(SYNC)
2.8Vpp

TP27



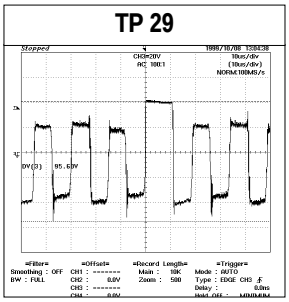
Video-AMP #9(Green)
95Vpp

TP 28



Video-AMP #8(Red)
110Vpp

TP 29



Video-AMP #7(Blue)
95Vpp

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